

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050523\
 Data File : BF133267.D
 Acq On : 05 May 2023 17:09
 Operator : CG\JU
 Sample : PB152595BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB152595BS

Quant Time: May 06 05:49:39 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 05 10:49:34 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	201782	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	832101	20.000	ng	0.00
39) Acenaphthene-d10	9.769	164	446093	20.000	ng	0.00
64) Phenanthrene-d10	11.245	188	789783	20.000	ng	0.00
76) Chrysene-d12	13.880	240	485484	20.000	ng	0.00
86) Perylene-d12	15.298	264	384754	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	1679835	125.758	ng	0.02
7) Phenol-d6	6.381	99	2009431	121.199	ng	0.01
23) Nitrobenzene-d5	7.298	82	1288486	83.582	ng	0.00
42) 2,4,6-Tribromophenol	10.557	330	529748	118.081	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	2143351	80.383	ng	0.00
79) Terphenyl-d14	12.833	244	2465342	87.581	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.457	88	220403	35.573	ng	100
3) Pyridine	3.152	79	579710	35.228	ng	97
4) n-Nitrosodimethylamine	3.116	42	356255	41.796	ng	98
6) Aniline	6.392	93	716652	33.560	ng	# 24
8) 2-Chlorophenol	6.516	128	632934	46.668	ng	94
9) Benzaldehyde	6.275	77	334650	46.116	ng	98
10) Phenol	6.392	94	721196	39.430	ng	74
11) bis(2-Chloroethyl)ether	6.469	93	601581	43.830	ng	96
12) 1,3-Dichlorobenzene	6.669	146	657089	45.570	ng	99
13) 1,4-Dichlorobenzene	6.745	146	664005	45.948	ng	98
14) 1,2-Dichlorobenzene	6.898	146	637448	47.845	ng	99
15) Benzyl Alcohol	6.881	79	527101	46.025	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.010	45	963787	40.429	ng	94
17) 2-Methylphenol	6.998	107	513583	41.355	ng	97
18) Hexachloroethane	7.239	117	228970	45.573	ng	97
19) n-Nitroso-di-n-propyla...	7.151	70	410870	39.806	ng	96
20) 3+4-Methylphenols	7.151	107	597195	40.833	ng	# 77
22) Acetophenone	7.139	105	842113	43.689	ng	# 95
24) Nitrobenzene	7.316	77	644238	41.241	ng	99
25) Isophorone	7.557	82	1217910	41.610	ng	100
26) 2-Nitrophenol	7.634	139	350002	46.452	ng	92
27) 2,4-Dimethylphenol	7.675	122	562557	43.542	ng	100
28) bis(2-Chloroethoxy)met...	7.769	93	724669	41.851	ng	99
29) 2,4-Dichlorophenol	7.875	162	512744	43.595	ng	99
30) 1,2,4-Trichlorobenzene	7.957	180	540287	44.341	ng	99
31) Naphthalene	8.039	128	1754981	42.185	ng	99
32) Benzoic acid	7.816	122	398914	49.986	ng	97
33) 4-Chloroaniline	8.086	127	395442	23.526	ng	99
34) Hexachlorobutadiene	8.157	225	297109	43.994	ng	98
35) Caprolactam	8.469	113	128496	32.521	ng	92
36) 4-Chloro-3-methylphenol	8.575	107	570227	44.959	ng	100
37) 2-Methylnaphthalene	8.728	142	1171721	41.196	ng	99
38) 1-Methylnaphthalene	8.828	142	1102571	41.438	ng	99
40) 1,2,4,5-Tetrachloroben...	8.898	216	486595	40.569	ng	99
41) Hexachlorocyclopentadiene	8.881	237	569910	81.473	ng	98
43) 2,4,6-Trichlorophenol	9.010	196	353343	42.598	ng	98

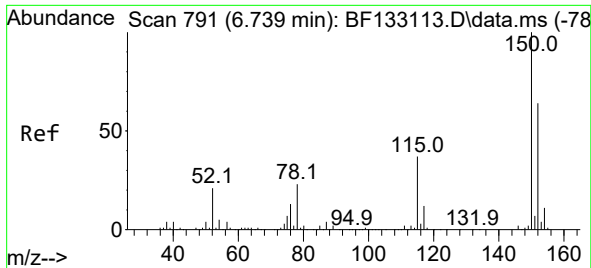
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 05 10:49:34 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.051	196	375053	39.096	ng	98
46) 1,1'-Biphenyl	9.192	154	1453884	41.101	ng	99
47) 2-Chloronaphthalene	9.216	162	1095838	42.325	ng	99
48) 2-Nitroaniline	9.310	65	370811	43.335	ng	91
49) Acenaphthylene	9.628	152	1692050	40.901	ng	99
50) Dimethylphthalate	9.498	163	1314493	42.260	ng	99
51) 2,6-Dinitrotoluene	9.557	165	305612	43.653	ng	89
52) Acenaphthene	9.804	154	1033161	37.288	ng	99
53) 3-Nitroaniline	9.722	138	270289	32.470	ng	96
54) 2,4-Dinitrophenol	9.833	184	351049	99.757	ng	98
55) Dibenzofuran	9.975	168	1511777	39.999	ng	99
56) 4-Nitrophenol	9.898	139	533908	82.811	ng	92
57) 2,4-Dinitrotoluene	9.963	165	398722	44.659	ng	89
58) Fluorene	10.316	166	1117917	40.372	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.092	232	318981	42.890	ng	99
60) Diethylphthalate	10.198	149	1234132	42.005	ng	98
61) 4-Chlorophenyl-phenyle...	10.304	204	535043	39.650	ng	94
62) 4-Nitroaniline	10.345	138	352730	46.103	ng	98
63) Azobenzene	10.469	77	1241493	39.888	ng	98
65) 4,6-Dinitro-2-methylph...	10.369	198	234328	48.950	ng	80
66) n-Nitrosodiphenylamine	10.428	169	1059202	41.345	ng	99
67) 4-Bromophenyl-phenylether	10.798	248	349937	40.853	ng	97
68) Hexachlorobenzene	10.863	284	376831	42.933	ng	99
69) Atrazine	10.957	200	361144	48.923	ng	98
70) Pentachlorophenol	11.057	266	439667	70.335	ng	96
71) Phenanthrene	11.275	178	1713086	40.357	ng	99
72) Anthracene	11.327	178	1771751	40.785	ng	99
73) Carbazole	11.480	167	1642479	42.462	ng	98
74) Di-n-butylphthalate	11.816	149	1962767	44.838	ng	99
75) Fluoranthene	12.457	202	1793258	42.093	ng	99
77) Benzidine	12.580	184	707846	86.220	ng	# 93
78) Pyrene	12.686	202	1822048	43.781	ng	99
80) Butylbenzylphthalate	13.310	149	786820	53.396	ng	99
81) Benzo(a)anthracene	13.874	228	1364261	40.864	ng	99
82) 3,3'-Dichlorobenzidine	13.833	252	371074	40.235	ng	97
83) Chrysene	13.910	228	1348014	40.388	ng	100
84) Bis(2-ethylhexyl)phtha...	13.868	149	851111	46.016	ng	99
85) Di-n-octyl phthalate	14.480	149	1420009	47.085	ng	97
87) Indeno(1,2,3-cd)pyrene	16.680	276	1175949	53.732	ng	98
88) Benzo(b)fluoranthene	14.892	252	1230465	50.269	ng	99
89) Benzo(k)fluoranthene	14.921	252	1077544	44.409	ng	98
90) Benzo(a)pyrene	15.239	252	978227	43.907	ng	99
91) Dibenzo(a,h)anthracene	16.698	278	983436	53.876	ng	96
92) Benzo(g,h,i)perylene	17.098	276	989029	54.882	ng	96

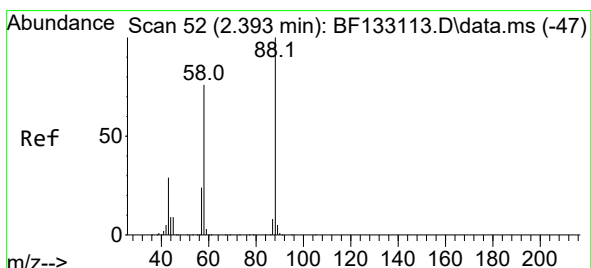
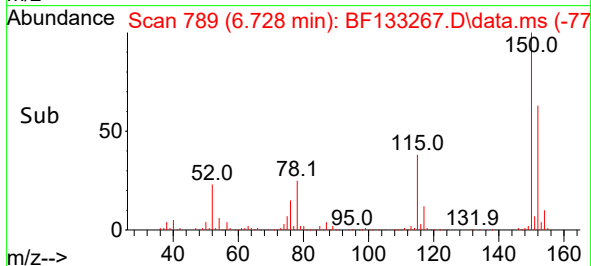
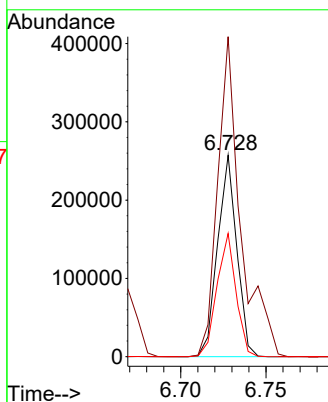
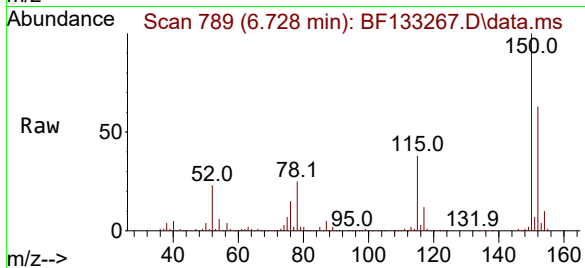
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.728 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BF133267.D
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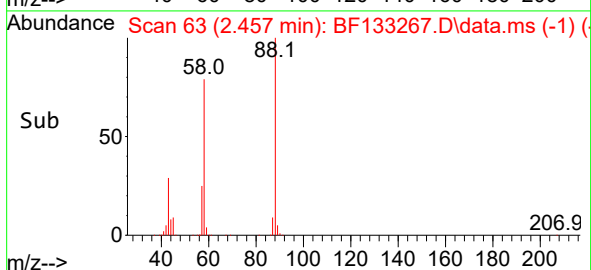
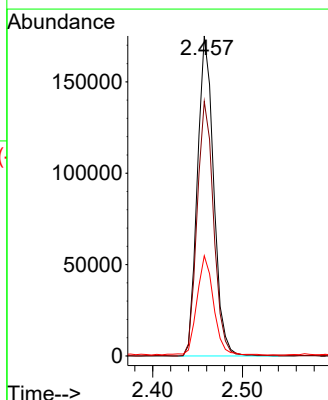
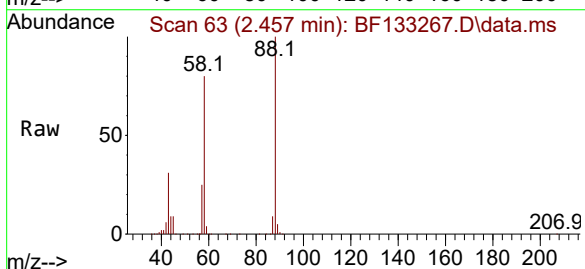
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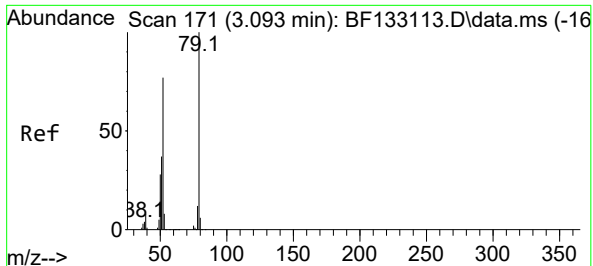
Tgt Ion:152 Resp: 201782
 Ion Ratio Lower Upper
 152 100
 150 158.9 124.8 187.2
 115 61.1 49.9 74.9



#2
 1,4-Dioxane
 Concen: 35.573 ng
 RT: 2.457 min Scan# 63
 Delta R.T. 0.088 min
 Lab File: BF133267.D
 Acq: 05 May 2023 17:09

Tgt Ion: 88 Resp: 220403
 Ion Ratio Lower Upper
 88 100
 58 81.0 64.7 97.1
 43 32.0 26.2 39.2

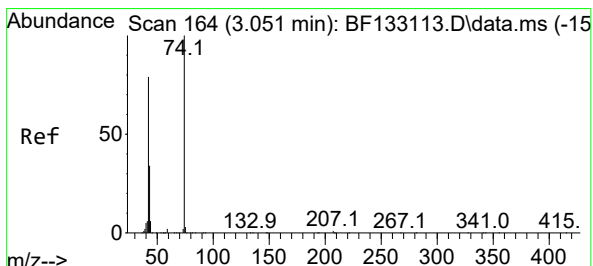
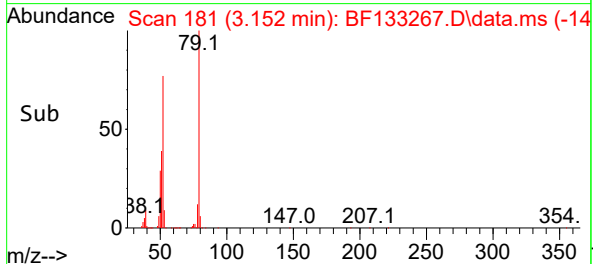
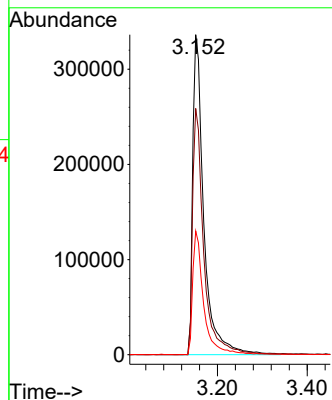
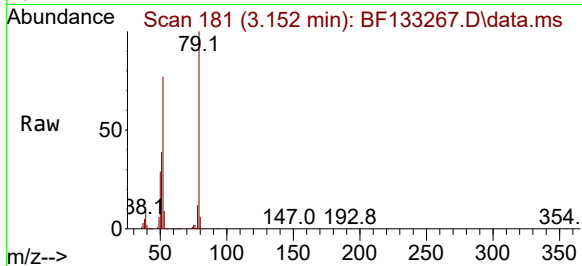




#3
Pyridine
Concen: 35.228 ng
RT: 3.152 min Scan# 11
Delta R.T. 0.088 min
Lab File: BF133267.D
Acq: 05 May 2023 17:09

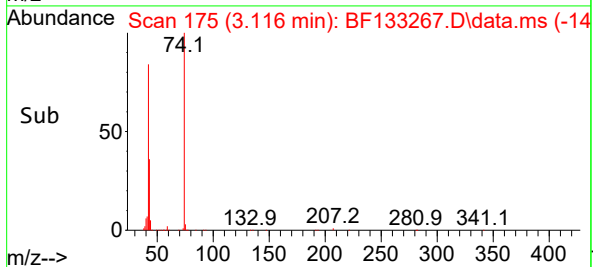
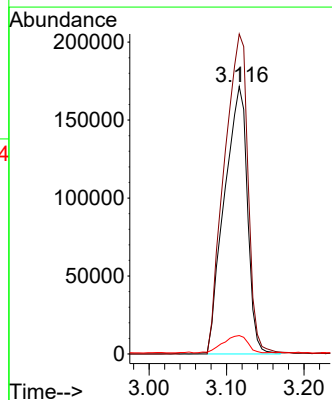
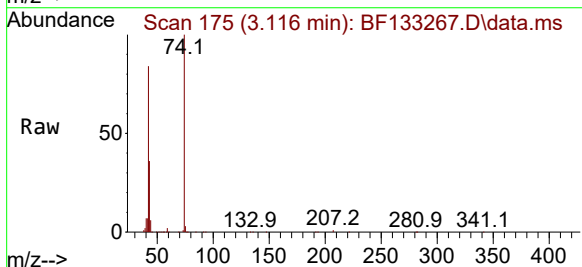
Instrument :
BNA_F
ClientSampleId :
PB152595BS

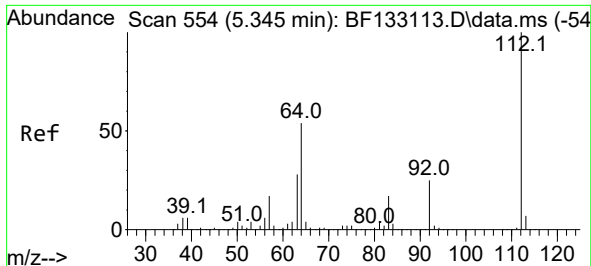
Tgt Ion: 79 Resp: 579710
Ion Ratio Lower Upper
79 100
52 77.0 64.6 96.8
51 38.7 30.0 45.0



#4
n-Nitrosodimethylamine
Concen: 41.796 ng
RT: 3.116 min Scan# 175
Delta R.T. 0.082 min
Lab File: BF133267.D
Acq: 05 May 2023 17:09

Tgt Ion: 42 Resp: 356255
Ion Ratio Lower Upper
42 100
74 119.6 98.0 147.0
44 6.9 5.8 8.8

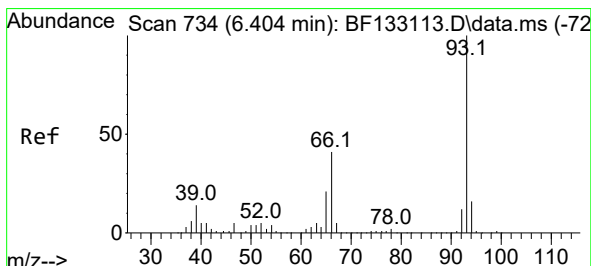
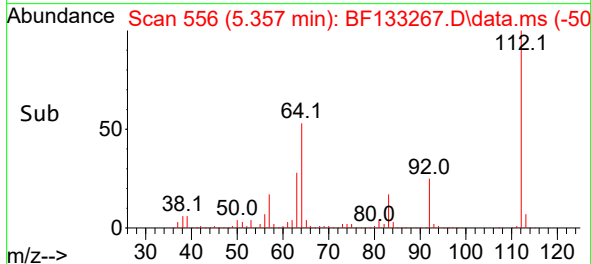
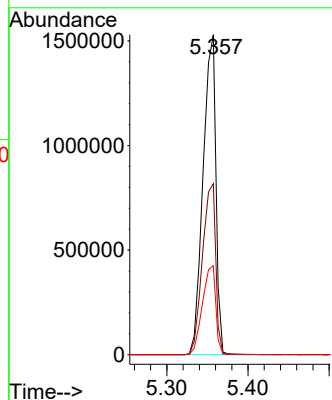
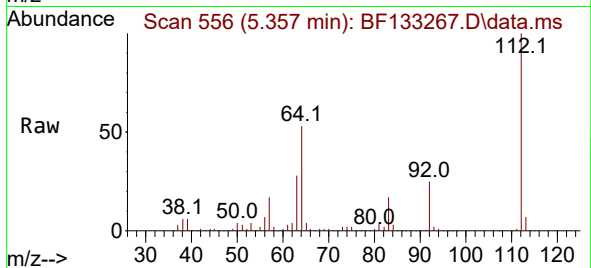




#5
2-Fluorophenol
Concen: 125.758 ng
RT: 5.357 min Scan# 511
Delta R.T. 0.024 min
Lab File: BF133267.D
Acq: 05 May 2023 17:09

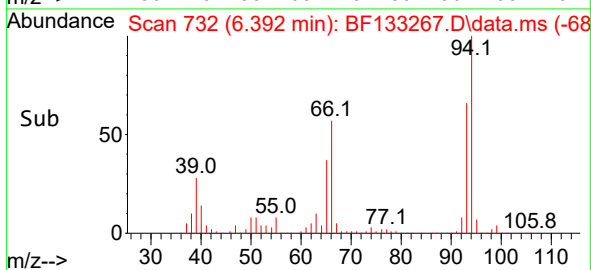
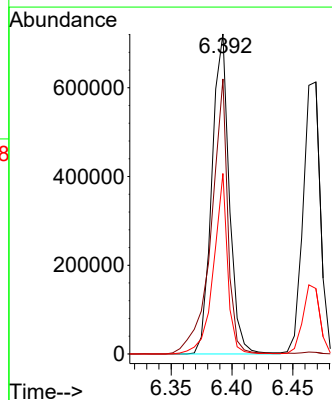
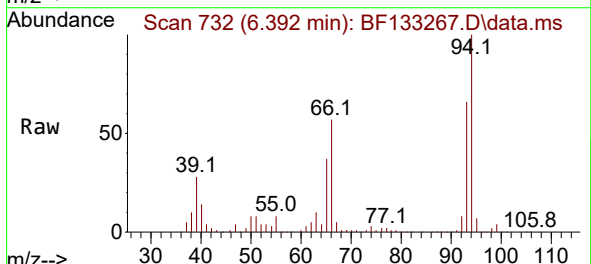
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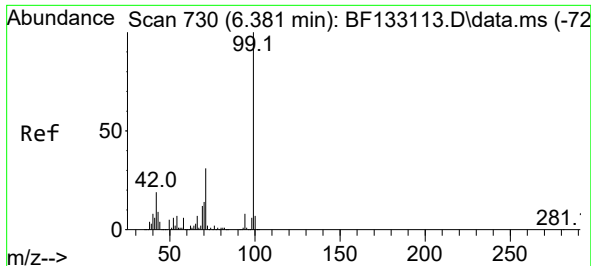
Tgt Ion:112 Resp: 1679835
Ion Ratio Lower Upper
112 100
64 53.4 46.8 70.2
63 27.8 23.8 35.8



#6
Aniline
Concen: 33.560 ng
RT: 6.392 min Scan# 732
Delta R.T. 0.000 min
Lab File: BF133267.D
Acq: 05 May 2023 17:09

Tgt Ion: 93 Resp: 716652
Ion Ratio Lower Upper
93 100
66 86.0 31.5 47.3#
65 56.4 16.4 24.6#

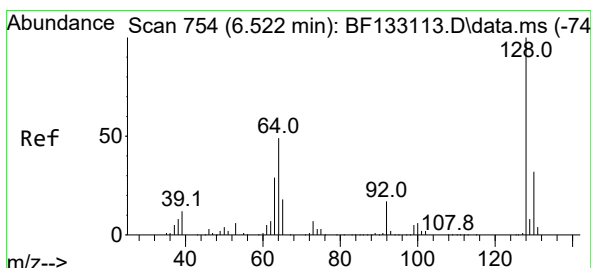
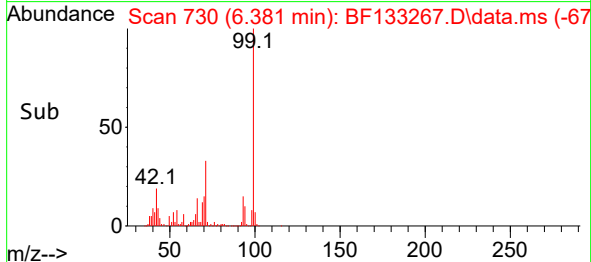
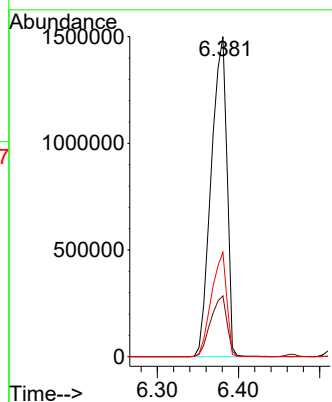
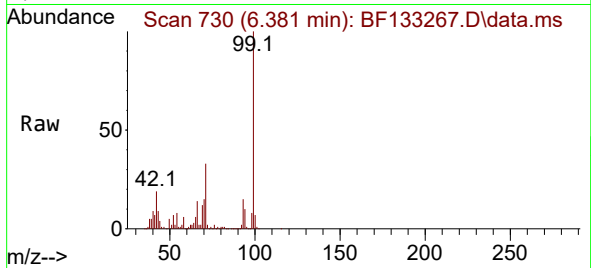




#7
Phenol-d6
Concen: 121.199 ng
RT: 6.381 min Scan# 71
Delta R.T. 0.012 min
Lab File: BF133267.D
Acq: 05 May 2023 17:09

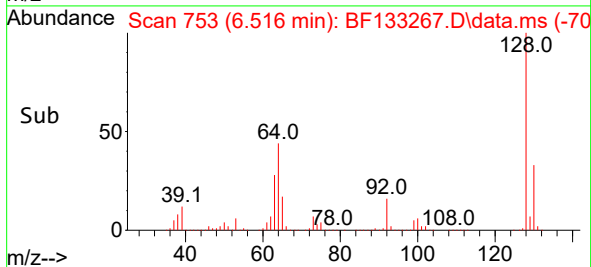
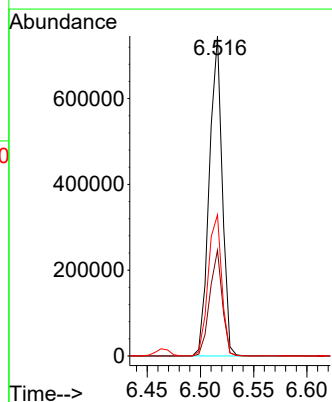
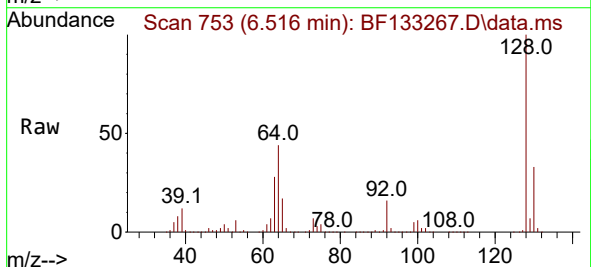
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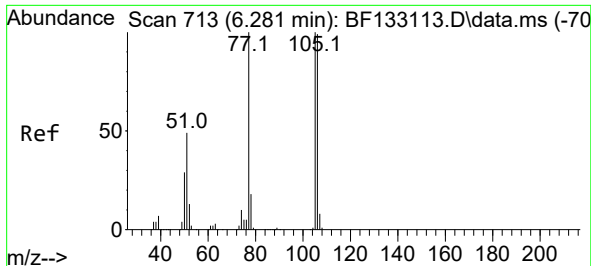
Tgt Ion: 99 Resp: 2009431
Ion Ratio Lower Upper
99 100
42 19.0 16.3 24.5
71 32.6 25.6 38.4



#8
2-Chlorophenol
Concen: 46.668 ng
RT: 6.516 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF133267.D
Acq: 05 May 2023 17:09

Tgt Ion: 128 Resp: 632934
Ion Ratio Lower Upper
128 100
130 33.0 12.2 52.2
64 44.1 30.3 70.3

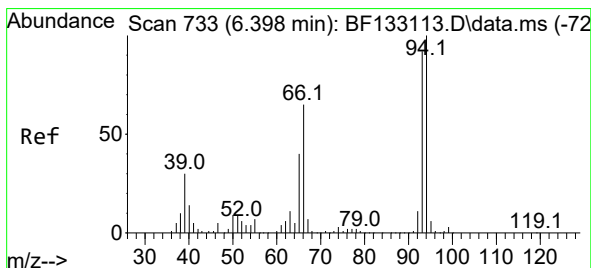
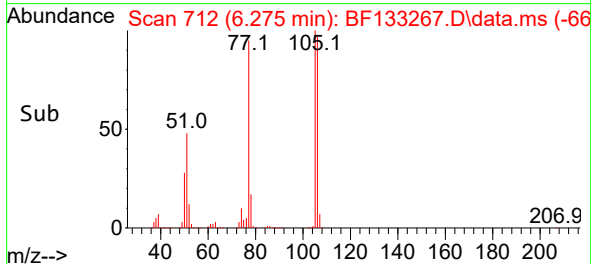
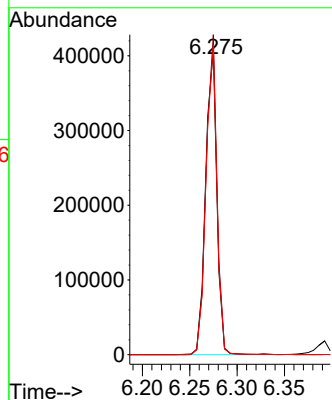
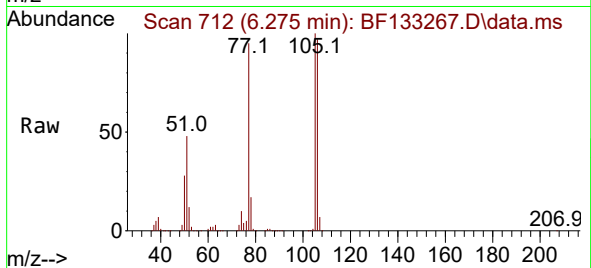




#9
Benzaldehyde
Concen: 46.116 ng
RT: 6.275 min Scan# 713
Delta R.T. 0.000 min
Lab File: BF133267.D
Acq: 05 May 2023 17:09

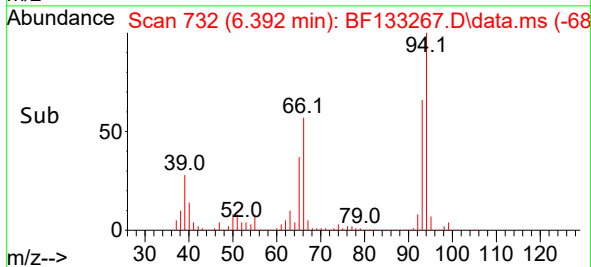
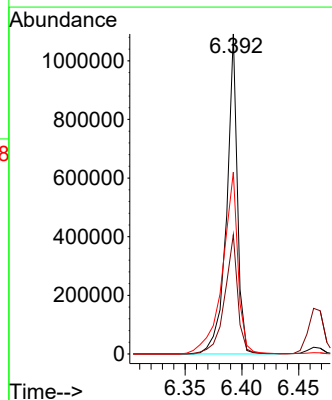
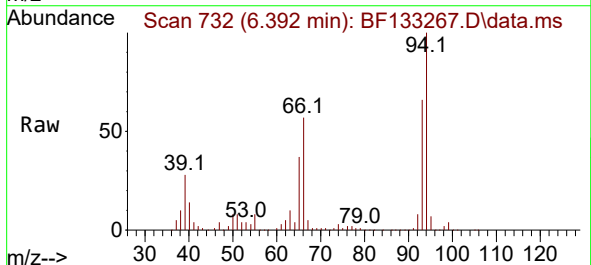
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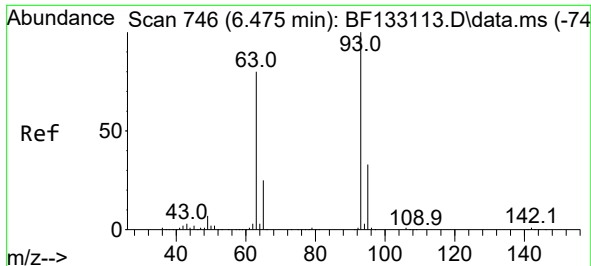
Tgt Ion: 77 Resp: 334650
Ion Ratio Lower Upper
77 100
105 105.2 82.3 122.3
106 101.9 80.8 120.8



#10
Phenol
Concen: 39.430 ng
RT: 6.392 min Scan# 732
Delta R.T. 0.006 min
Lab File: BF133267.D
Acq: 05 May 2023 17:09

Tgt Ion: 94 Resp: 721196
Ion Ratio Lower Upper
94 100
65 37.3 8.6 48.6
66 56.8 17.3 57.3

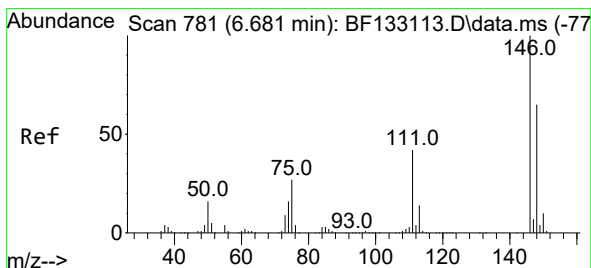
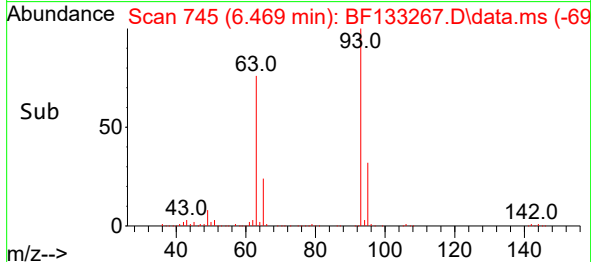
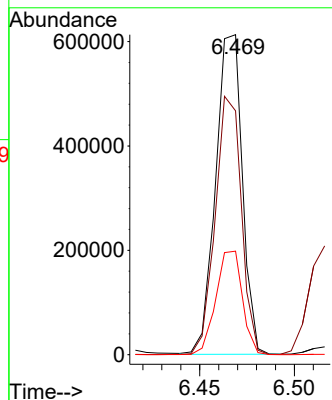
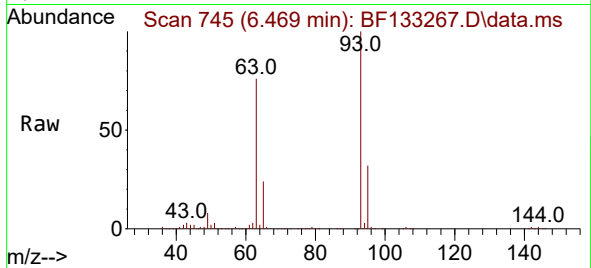




#11
bis(2-Chloroethyl)ether
Concen: 43.830 ng
RT: 6.469 min Scan# 746
Delta R.T. 0.000 min
Lab File: BF133267.D
Acq: 05 May 2023 17:09

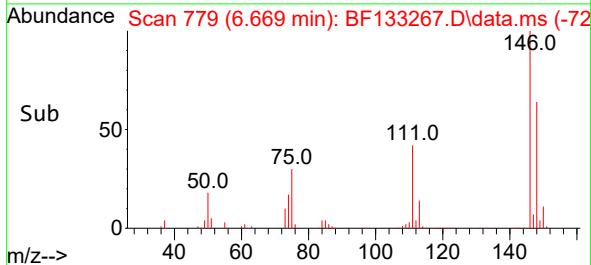
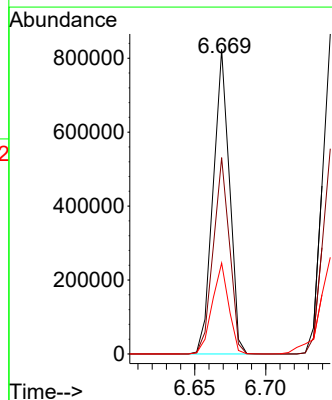
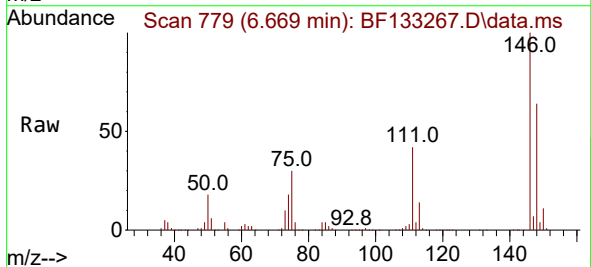
Instrument :
BNA_F
ClientSampleId :
PB152595BS

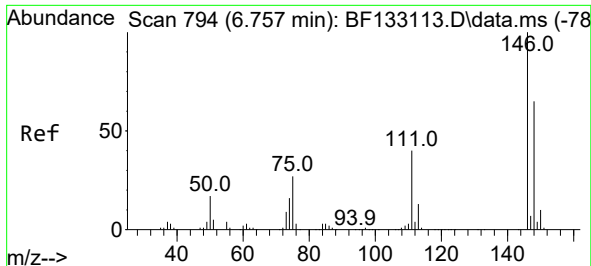
Tgt Ion: 93 Resp: 601581
Ion Ratio Lower Upper
93 100
63 76.2 60.6 100.6
95 32.4 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 45.570 ng
RT: 6.669 min Scan# 779
Delta R.T. 0.000 min
Lab File: BF133267.D
Acq: 05 May 2023 17:09

Tgt Ion:146 Resp: 657089
Ion Ratio Lower Upper
146 100
148 64.5 51.0 76.4
75 29.8 24.8 37.2





#13

1,4-Dichlorobenzene

Concen: 45.948 ng

RT: 6.745 min Scan# 794

Delta R.T. 0.000 min

Lab File: BF133267.D

Acq: 05 May 2023 17:09

Instrument :

BNA_F

ClientSampleId :

PB152595BS

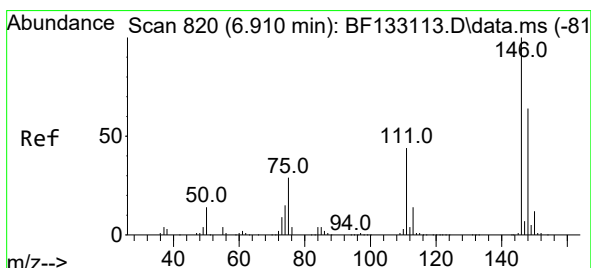
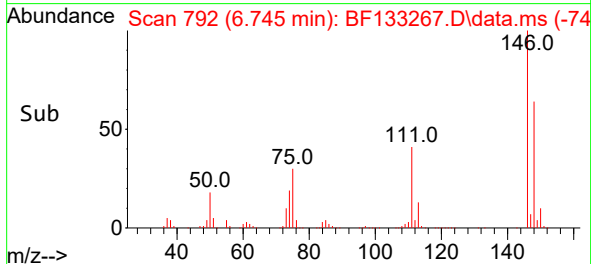
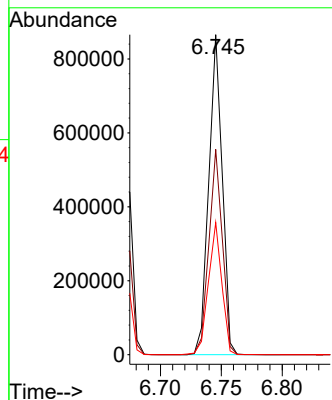
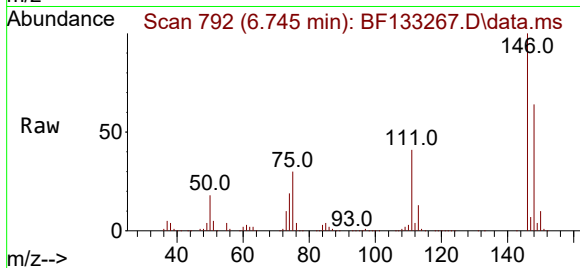
Tgt Ion:146 Resp: 664005

Ion Ratio Lower Upper

146 100

148 64.2 50.3 75.5

111 41.3 33.8 50.6



#14

1,2-Dichlorobenzene

Concen: 47.845 ng

RT: 6.898 min Scan# 818

Delta R.T. 0.000 min

Lab File: BF133267.D

Acq: 05 May 2023 17:09

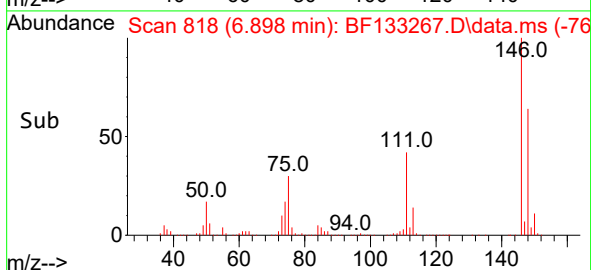
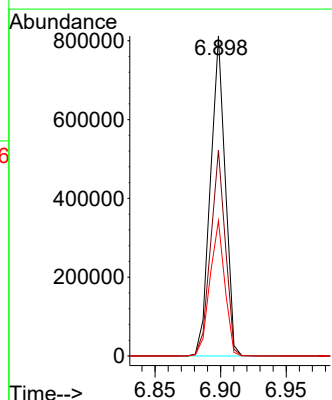
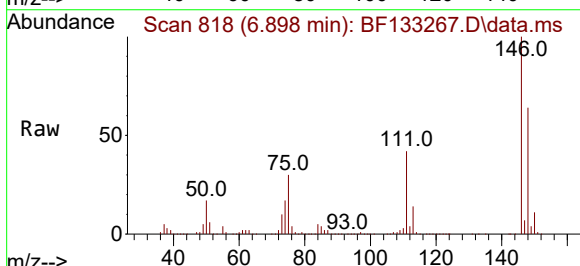
Tgt Ion:146 Resp: 637448

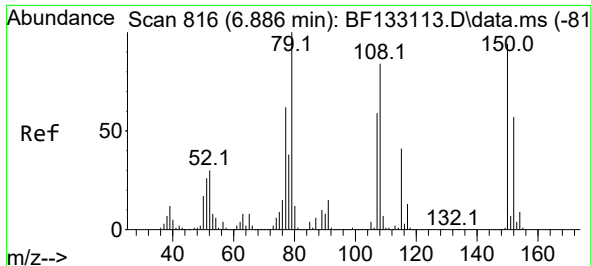
Ion Ratio Lower Upper

146 100

148 64.4 52.2 78.2

111 42.3 32.8 49.2





#15

Benzyl Alcohol

Concen: 46.025 ng

RT: 6.881 min Scan# 816

Delta R.T. 0.006 min

Lab File: BF133267.D

Acq: 05 May 2023 17:09

Instrument :

BNA_F

ClientSampleId :

PB152595BS

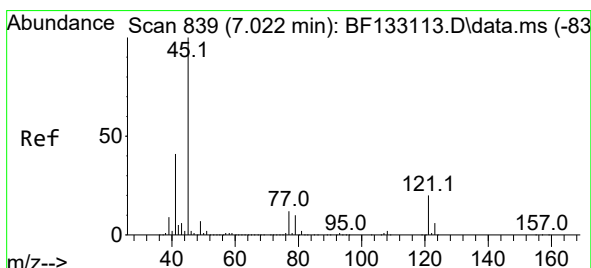
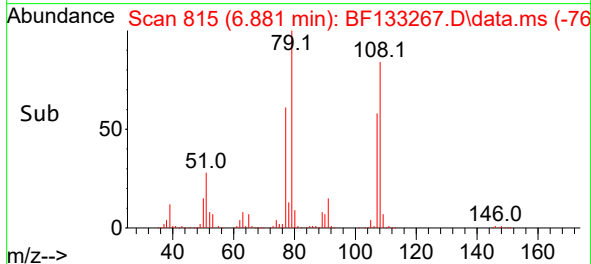
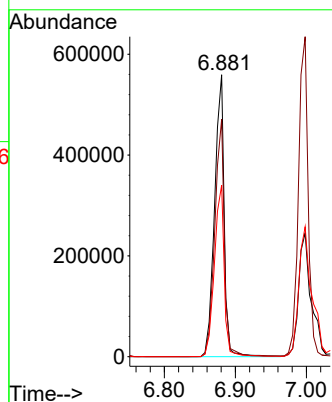
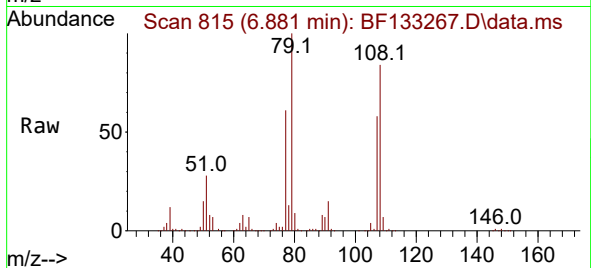
Tgt Ion: 79 Resp: 527101

Ion Ratio Lower Upper

79 100

108 84.2 66.6 99.8

77 60.9 49.2 73.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.429 ng

RT: 7.010 min Scan# 837

Delta R.T. 0.000 min

Lab File: BF133267.D

Acq: 05 May 2023 17:09

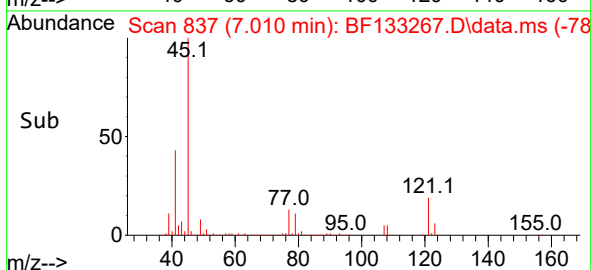
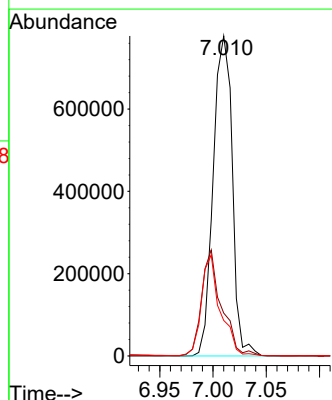
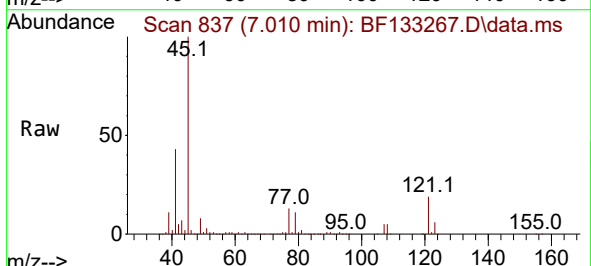
Tgt Ion: 45 Resp: 963787

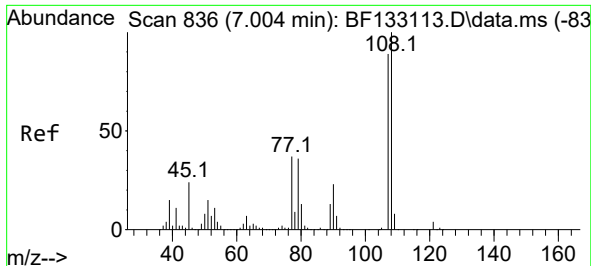
Ion Ratio Lower Upper

45 100

77 13.4 0.0 31.5

79 11.1 0.0 28.7

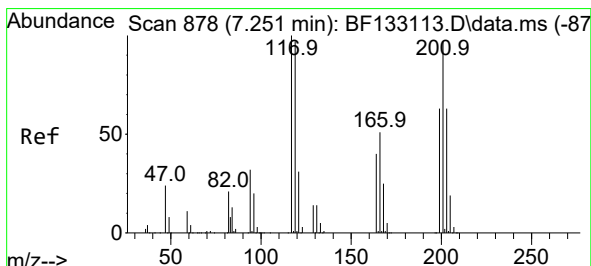
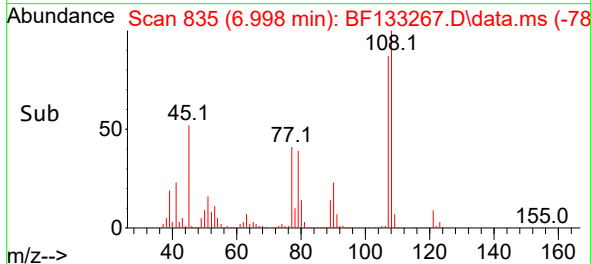
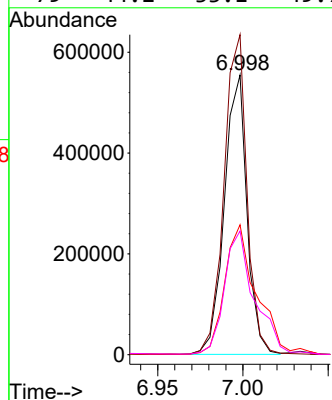
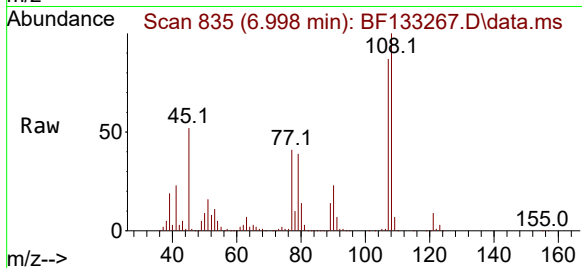




#17
2-Methylphenol
Concen: 41.355 ng
RT: 6.998 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF133267.D
Acq: 05 May 2023 17:09

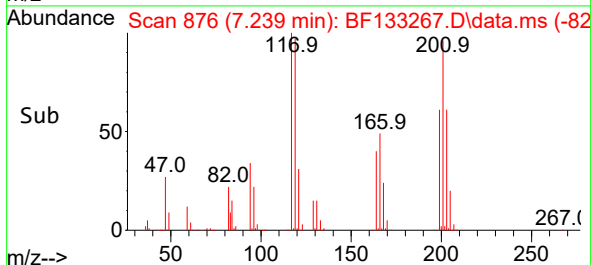
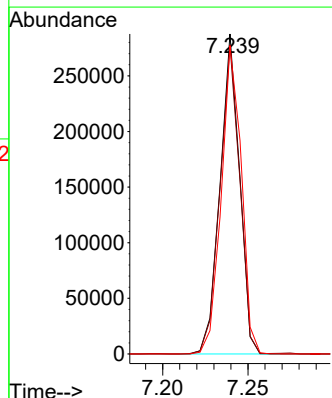
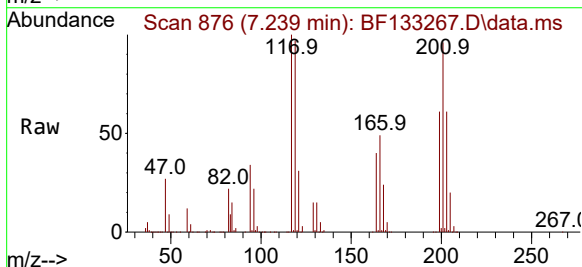
Instrument :
BNA_F
ClientSampleId :
PB152595BS

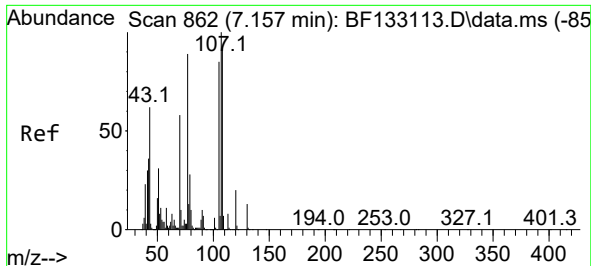
Tgt Ion:107 Resp: 513583
Ion Ratio Lower Upper
107 100
108 114.4 92.4 138.6
77 46.5 33.8 50.8
79 44.2 33.1 49.7



#18
Hexachloroethane
Concen: 45.573 ng
RT: 7.239 min Scan# 876
Delta R.T. -0.000 min
Lab File: BF133267.D
Acq: 05 May 2023 17:09

Tgt Ion:117 Resp: 228970
Ion Ratio Lower Upper
117 100
119 96.6 78.2 117.4
201 96.4 81.7 122.5



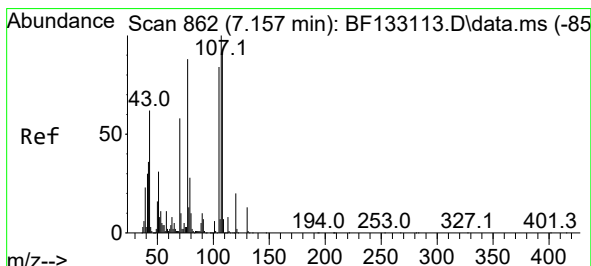
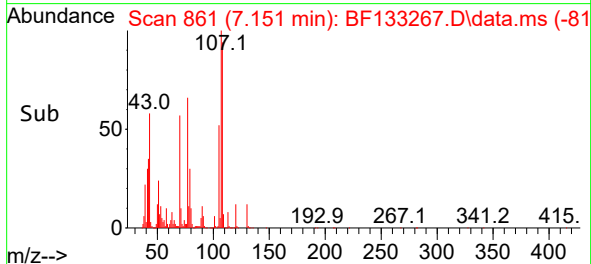
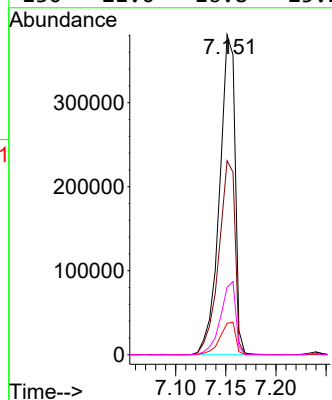
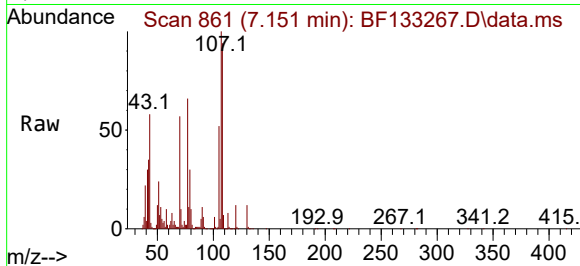


#19
n-Nitroso-di-n-propylamine
Concen: 39.806 ng
RT: 7.151 min Scan# 861
Delta R.T. 0.000 min
Lab File: BF133267.D
Acq: 05 May 2023 17:09

Instrument :
BNA_F
ClientSampleId :
PB152595BS

Tgt Ion: 70 Resp: 410870

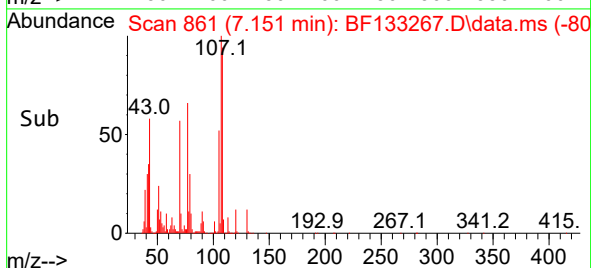
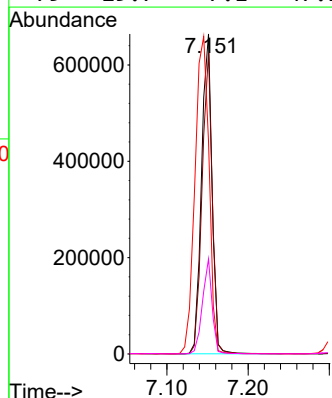
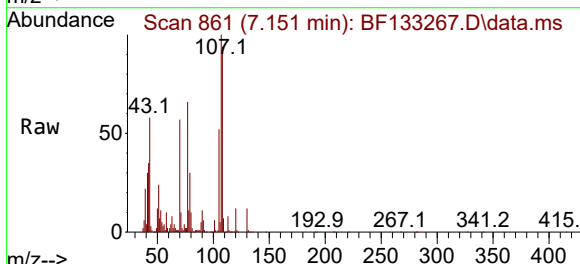
Ion	Ratio	Lower	Upper
70	100		
42	60.6	51.8	77.6
101	9.8	8.0	12.0
130	21.0	16.8	25.2

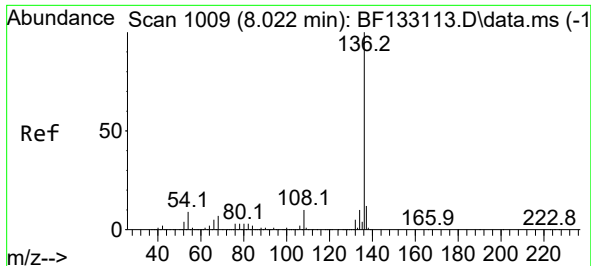


#20
3+4-Methylphenols
Concen: 40.833 ng
RT: 7.151 min Scan# 861
Delta R.T. 0.006 min
Lab File: BF133267.D
Acq: 05 May 2023 17:09

Tgt Ion: 107 Resp: 597195

Ion	Ratio	Lower	Upper
107	100		
108	94.2	70.5	110.5
77	66.4	91.7	131.7#
79	29.7	7.1	47.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1009
Delta R.T. 0.000 min
Lab File: BF133267.D
Acq: 05 May 2023 17:09

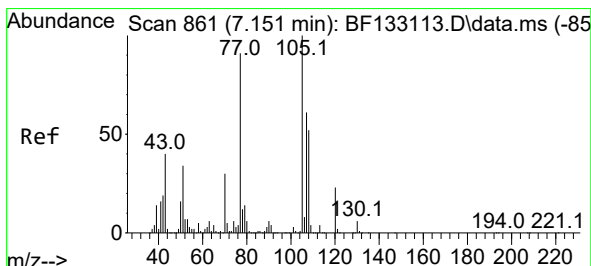
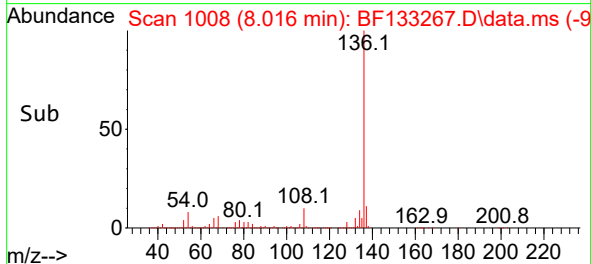
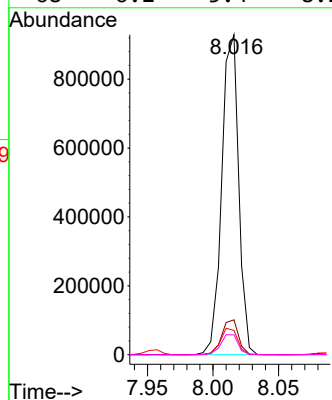
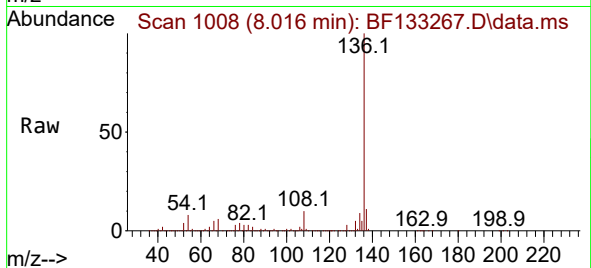
Instrument :

BNA_F

ClientSampleId :

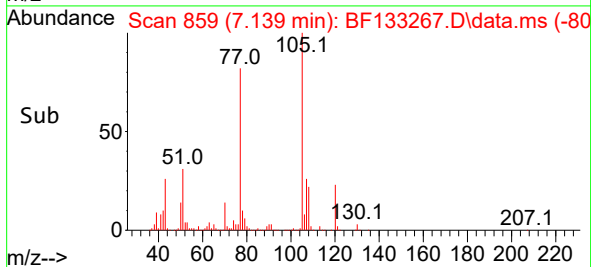
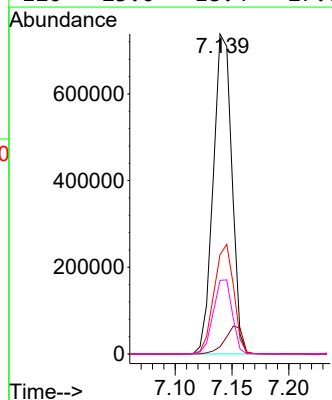
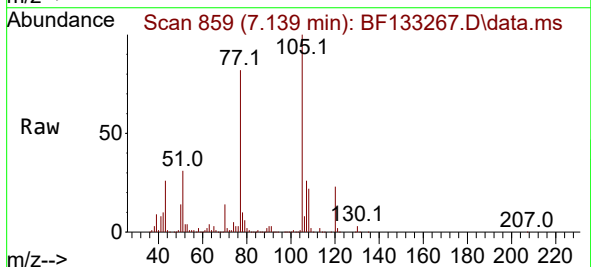
PB152595BS

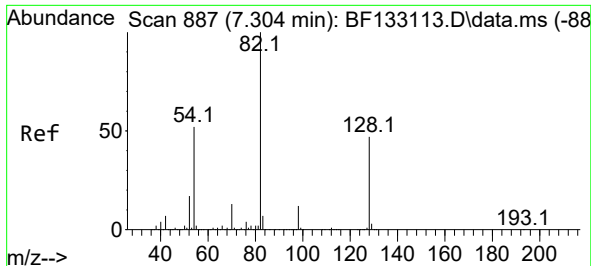
Tgt Ion:136 Resp: 832101
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 7.6 7.0 10.4
68 6.2 5.4 8.2



#22
Acetophenone
Concen: 43.689 ng
RT: 7.139 min Scan# 859
Delta R.T. -0.006 min
Lab File: BF133267.D
Acq: 05 May 2023 17:09

Tgt Ion:105 Resp: 842113
Ion Ratio Lower Upper
105 100
71 2.2 4.6 7.0#
51 31.0 28.2 42.2
120 23.0 18.4 27.6

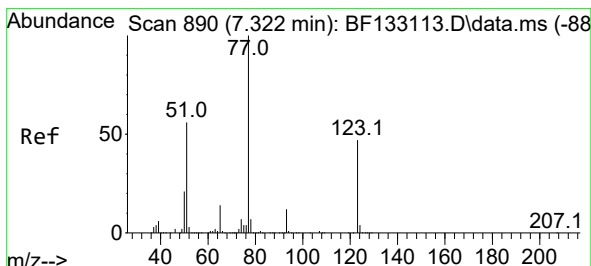
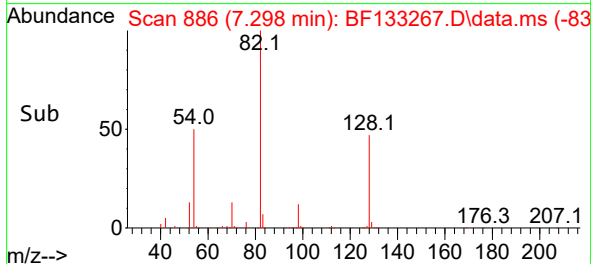
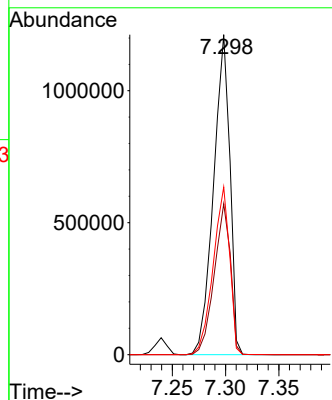
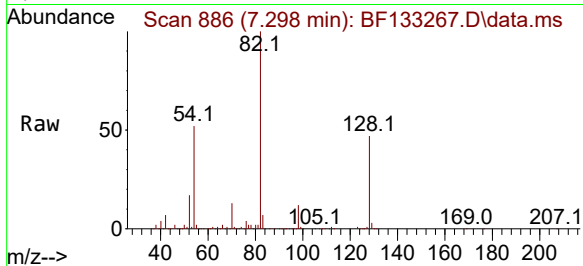




#23
Nitrobenzene-d5
Concen: 83.582 ng
RT: 7.298 min Scan# 887
Delta R.T. 0.000 min
Lab File: BF133267.D
Acq: 05 May 2023 17:09

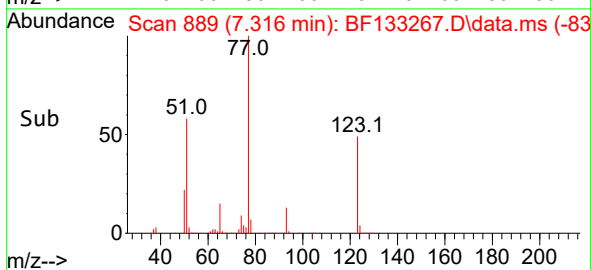
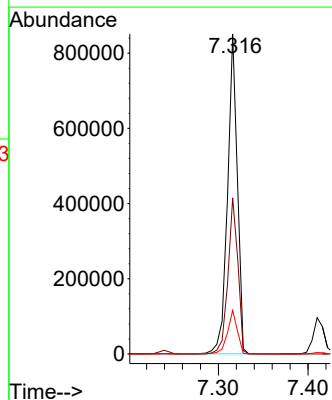
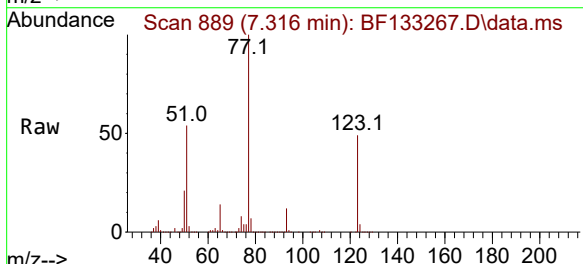
Instrument :
BNA_F
ClientSampleId :
PB152595BS

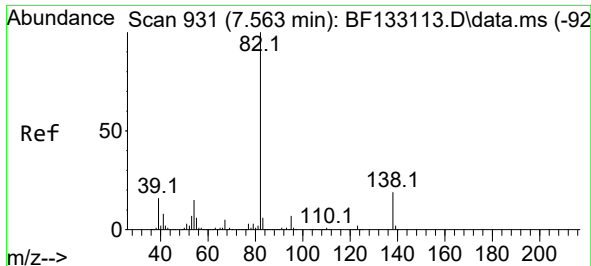
Tgt Ion: 82 Resp: 1288486
Ion Ratio Lower Upper
82 100
128 47.1 37.7 56.5
54 52.4 43.0 64.4



#24
Nitrobenzene
Concen: 41.241 ng
RT: 7.316 min Scan# 889
Delta R.T. -0.000 min
Lab File: BF133267.D
Acq: 05 May 2023 17:09

Tgt Ion: 77 Resp: 644238
Ion Ratio Lower Upper
77 100
123 48.8 39.9 59.9
65 13.6 10.7 16.1

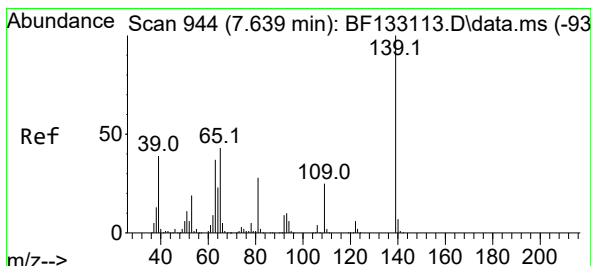
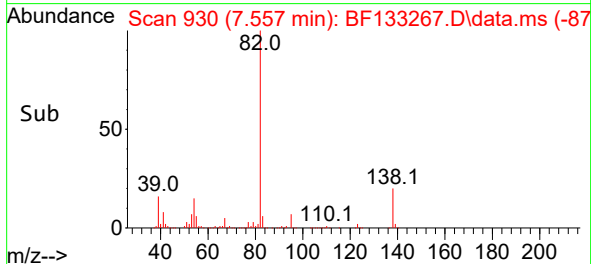
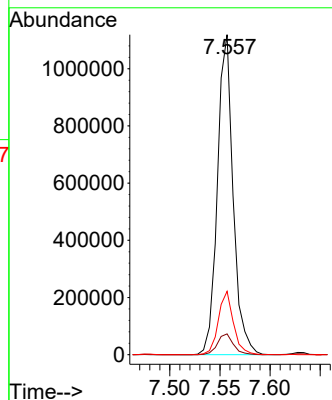
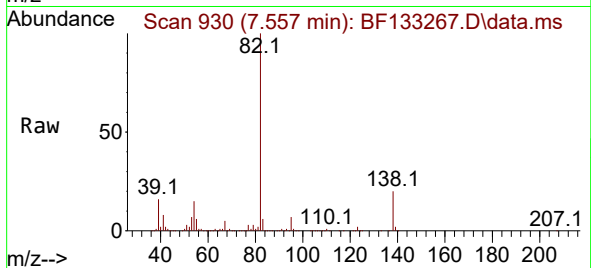




#25
Isophorone
Concen: 41.610 ng
RT: 7.557 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF133267.D
Acq: 05 May 2023 17:09

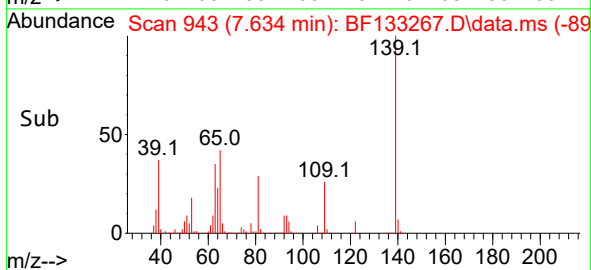
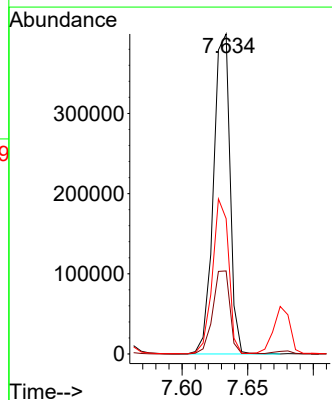
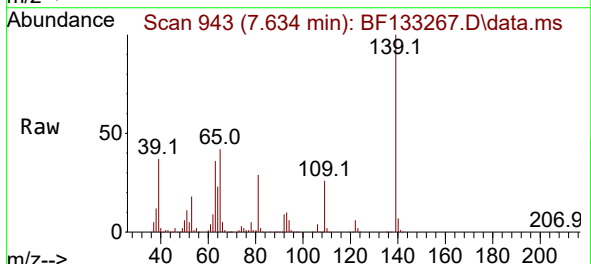
Instrument :
BNA_F
ClientSampleId :
PB152595BS

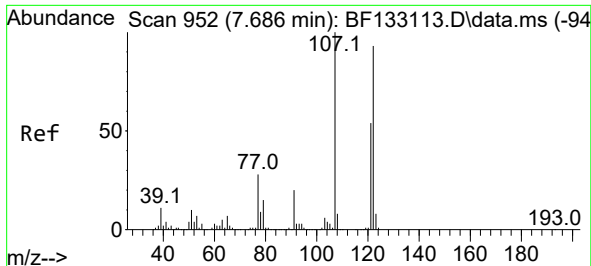
Tgt Ion: 82 Resp: 1217910
Ion Ratio Lower Upper
82 100
95 6.5 5.4 8.0
138 19.8 16.0 24.0



#26
2-Nitrophenol
Concen: 46.452 ng
RT: 7.634 min Scan# 943
Delta R.T. 0.006 min
Lab File: BF133267.D
Acq: 05 May 2023 17:09

Tgt Ion:139 Resp: 350002
Ion Ratio Lower Upper
139 100
109 26.0 21.6 32.4
65 42.3 39.8 59.6





#27

2,4-Dimethylphenol

Concen: 43.542 ng

RT: 7.675 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF133267.D

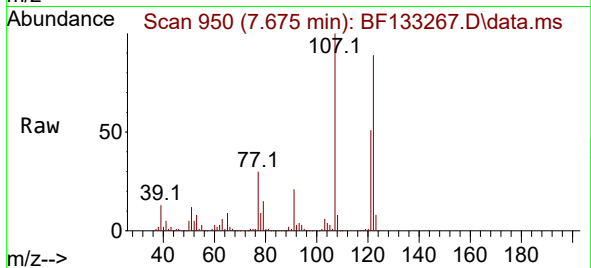
Acq: 05 May 2023 17:09

Instrument :

BNA_F

ClientSampleId :

PB152595BS



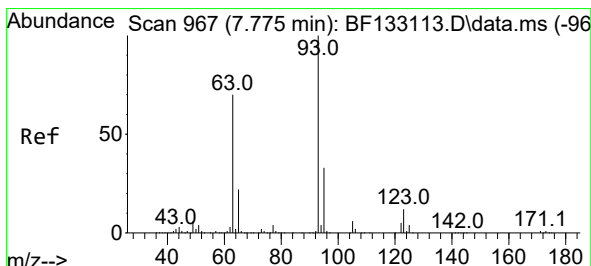
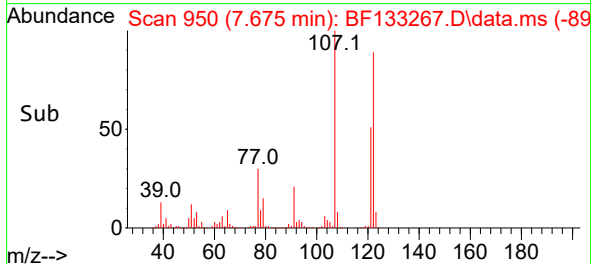
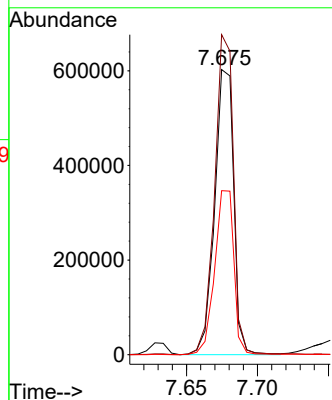
Tgt Ion:122 Resp: 562557

Ion Ratio Lower Upper

122 100

107 112.2 89.7 134.5

121 57.5 46.0 69.0



#28

bis(2-Chloroethoxy)methane

Concen: 41.851 ng

RT: 7.769 min Scan# 966

Delta R.T. 0.000 min

Lab File: BF133267.D

Acq: 05 May 2023 17:09

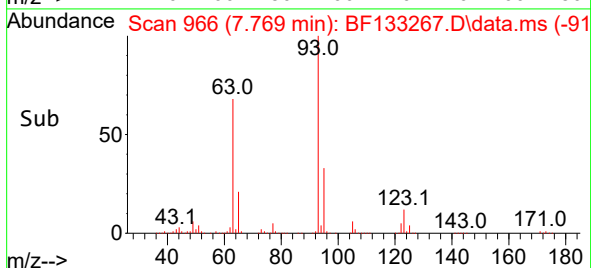
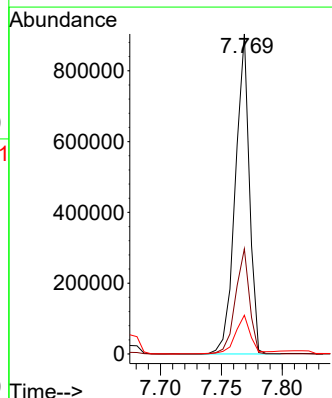
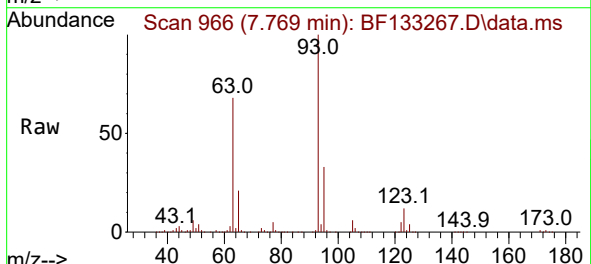
Tgt Ion: 93 Resp: 724669

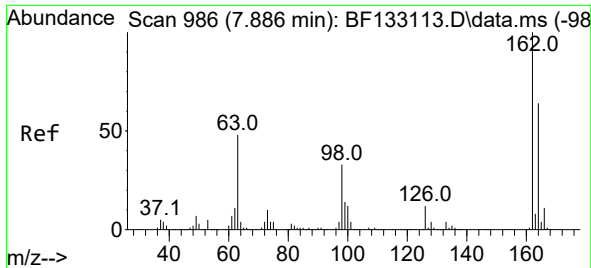
Ion Ratio Lower Upper

93 100

95 32.9 26.4 39.6

123 12.1 10.3 15.5





#29

2,4-Dichlorophenol

Concen: 43.595 ng

RT: 7.875 min Scan# 984

Delta R.T. 0.000 min

Lab File: BF133267.D

Acq: 05 May 2023 17:09

Instrument :

BNA_F

ClientSampleId :

PB152595BS

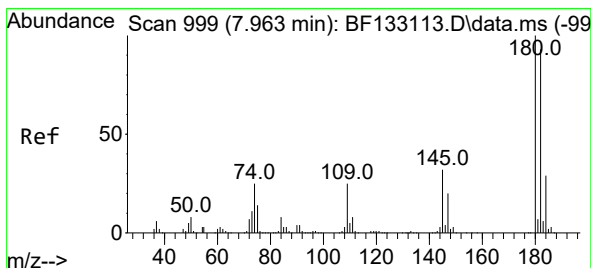
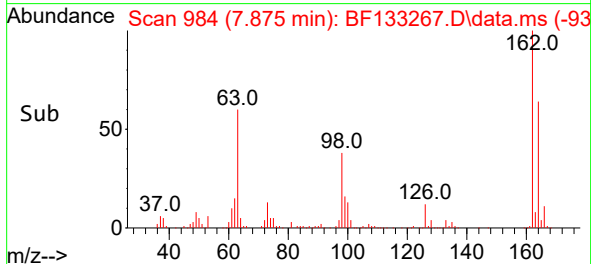
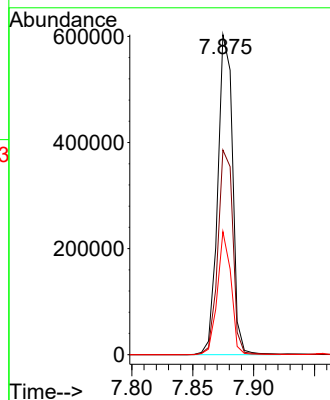
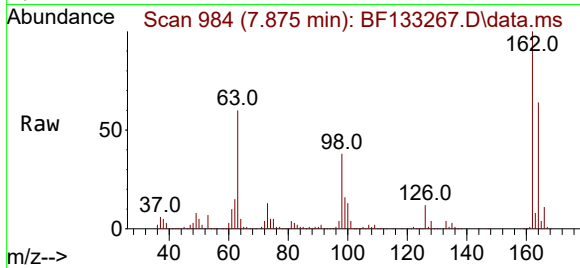
Tgt Ion:162 Resp: 512744

Ion Ratio Lower Upper

162 100

164 64.0 43.9 83.9

98 38.4 17.0 57.0



#30

1,2,4-Trichlorobenzene

Concen: 44.341 ng

RT: 7.957 min Scan# 998

Delta R.T. 0.000 min

Lab File: BF133267.D

Acq: 05 May 2023 17:09

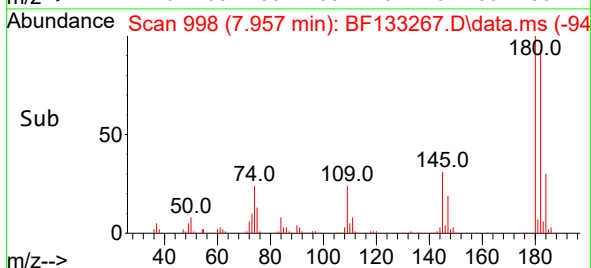
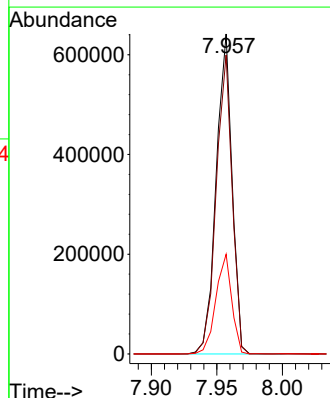
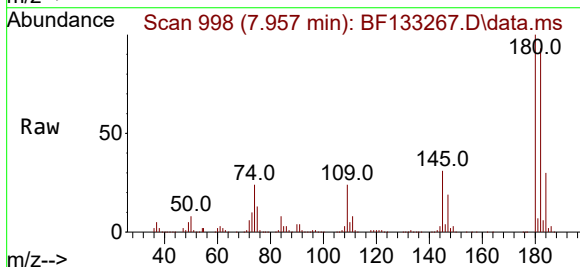
Tgt Ion:180 Resp: 540287

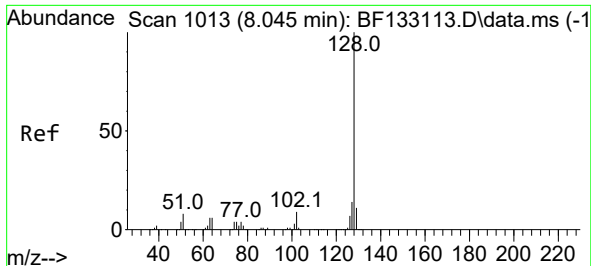
Ion Ratio Lower Upper

180 100

182 93.4 75.9 113.9

145 31.1 25.3 37.9

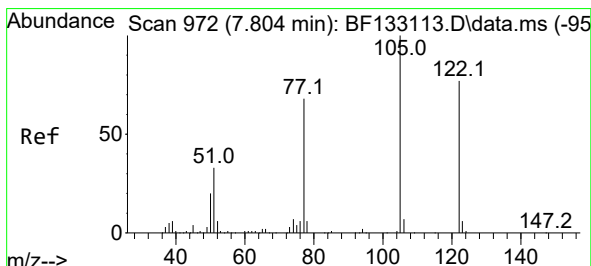
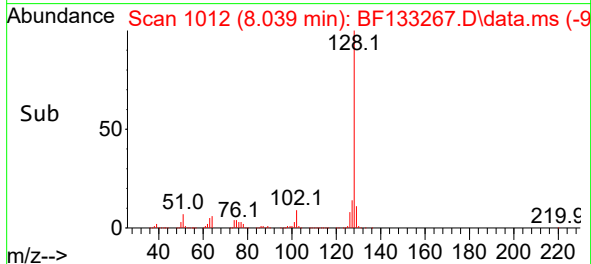
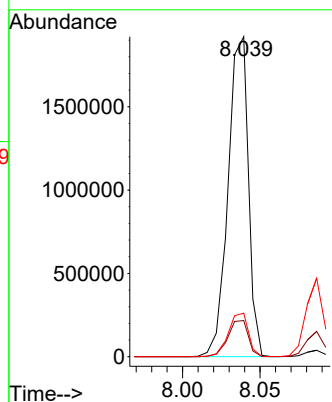
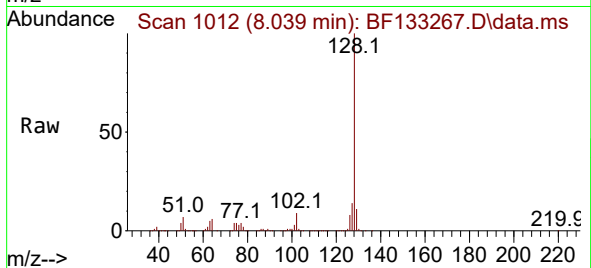




#31
Naphthalene
Concen: 42.185 ng
RT: 8.039 min Scan# 1013
Delta R.T. 0.006 min
Lab File: BF133267.D
Acq: 05 May 2023 17:09

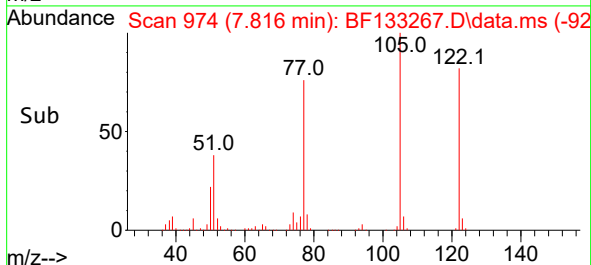
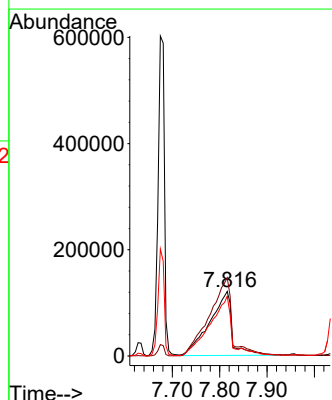
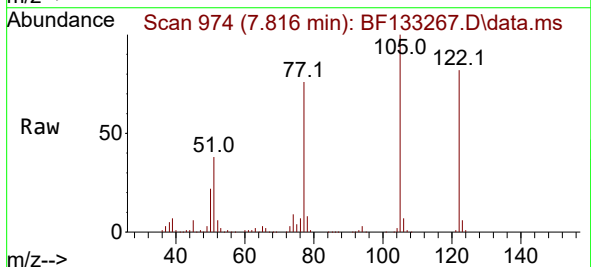
Instrument :
BNA_F
ClientSampleId :
PB152595BS

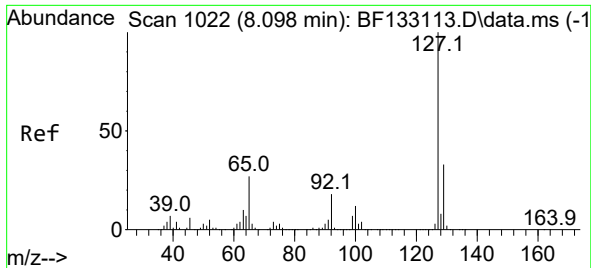
Tgt Ion:128 Resp: 1754981
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 13.6 10.7 16.1



#32
Benzoic acid
Concen: 49.986 ng
RT: 7.816 min Scan# 974
Delta R.T. 0.018 min
Lab File: BF133267.D
Acq: 05 May 2023 17:09

Tgt Ion:122 Resp: 398914
Ion Ratio Lower Upper
122 100
105 121.3 104.2 144.2
77 92.4 69.7 109.7

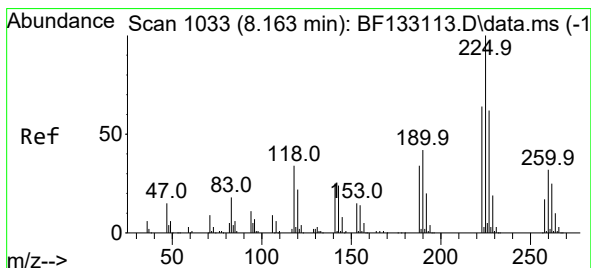
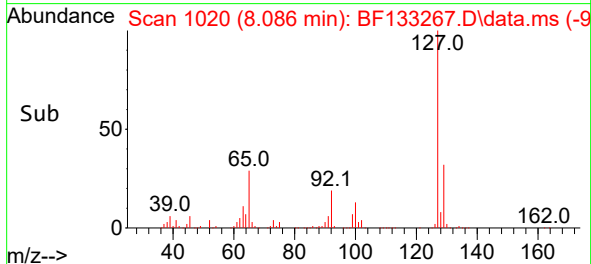
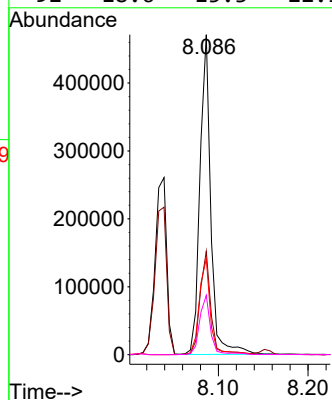
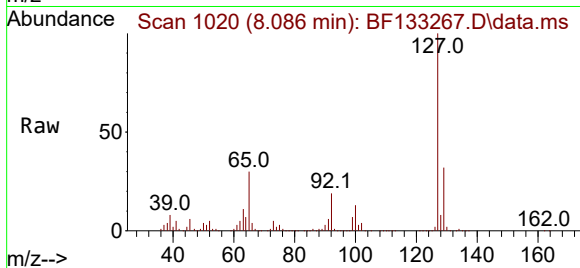




#33
4-Chloroaniline
Concen: 23.526 ng
RT: 8.086 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BF133267.D
Acq: 05 May 2023 17:09

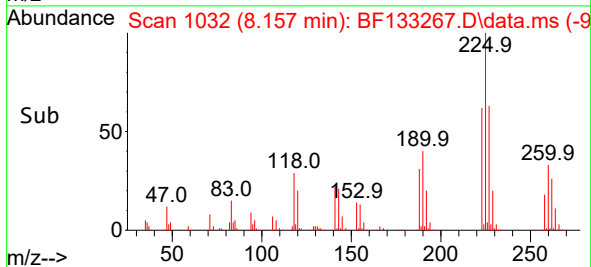
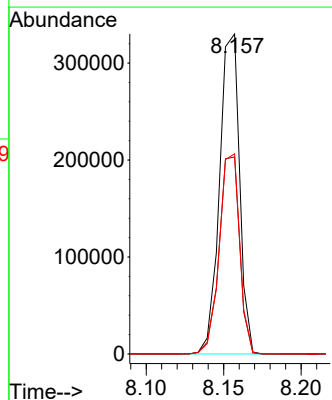
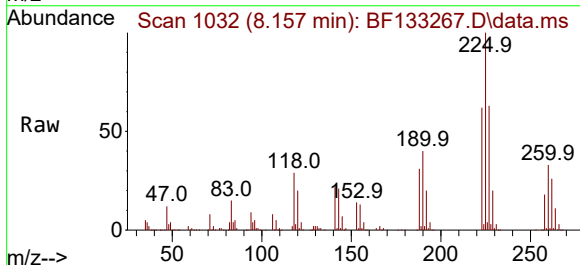
Instrument :
BNA_F
ClientSampleId :
PB152595BS

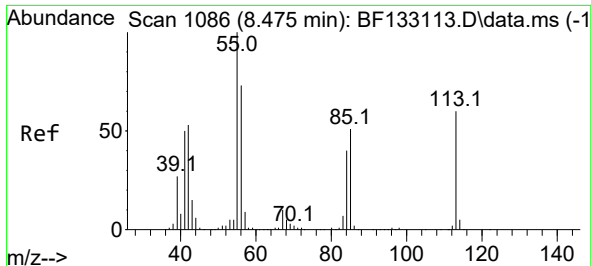
Tgt Ion:	127	Resp:	395442
Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.8	38.8
65	29.9	23.6	35.4
92	18.6	15.3	22.9



#34
Hexachlorobutadiene
Concen: 43.994 ng
RT: 8.157 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BF133267.D
Acq: 05 May 2023 17:09

Tgt Ion:	225	Resp:	297109
Ion	Ratio	Lower	Upper
225	100		
223	61.5	50.9	76.3
227	62.6	50.3	75.5

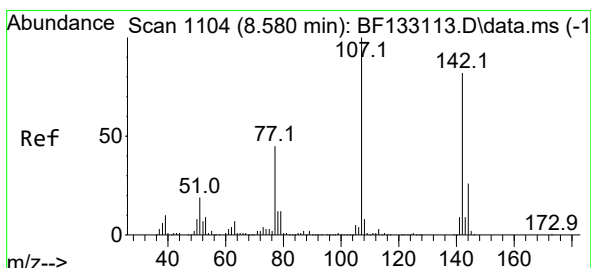
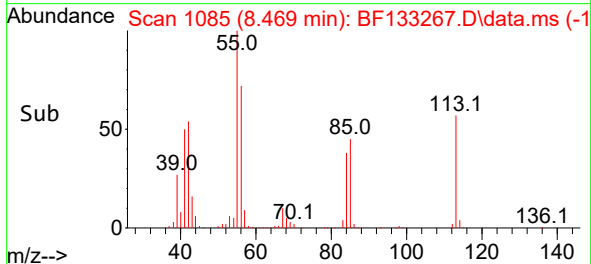
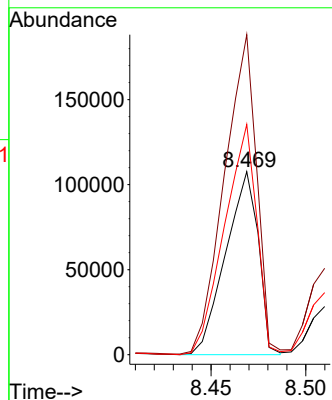
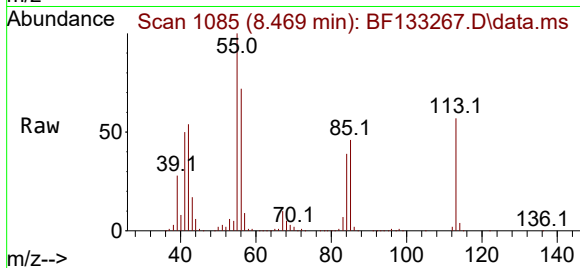




#35
 Caprolactam
 Concen: 32.521 ng
 RT: 8.469 min Scan# 1085
 Delta R.T. 0.006 min
 Lab File: BF133267.D
 Acq: 05 May 2023 17:09

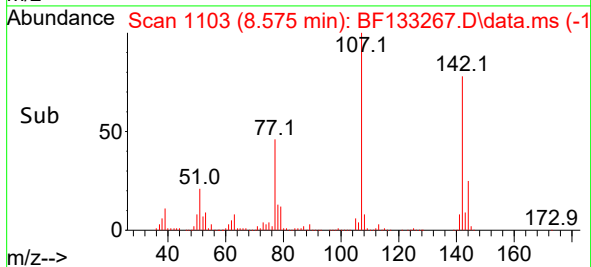
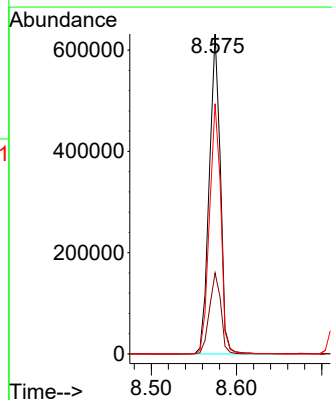
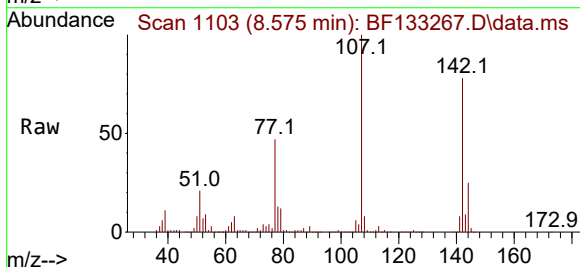
Instrument :
 BNA_F
 ClientSampleId :
 PB152595BS

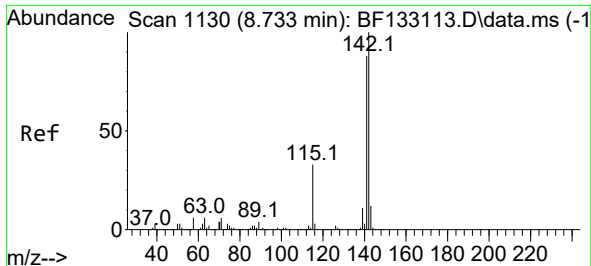
Tgt Ion:113 Resp: 128496
 Ion Ratio Lower Upper
 113 100
 55 174.8 167.1 207.1
 56 125.8 114.5 154.5



#36
 4-Chloro-3-methylphenol
 Concen: 44.959 ng
 RT: 8.575 min Scan# 1103
 Delta R.T. 0.006 min
 Lab File: BF133267.D
 Acq: 05 May 2023 17:09

Tgt Ion:107 Resp: 570227
 Ion Ratio Lower Upper
 107 100
 144 25.3 20.6 30.8
 142 78.2 62.8 94.2

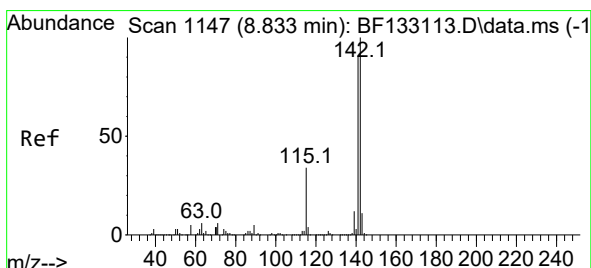
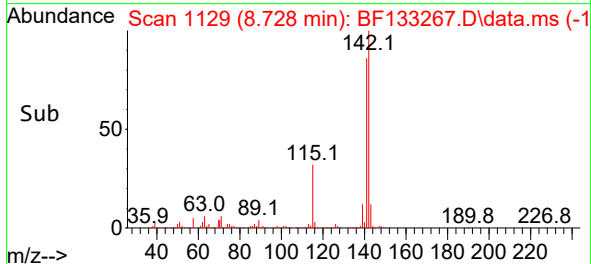
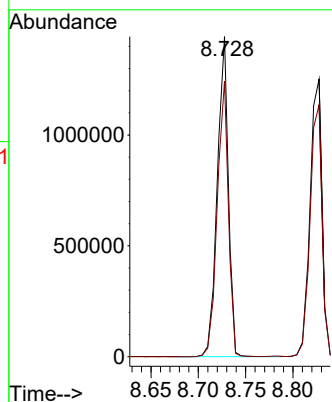
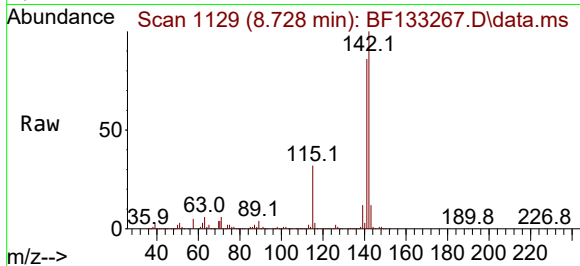




#37
2-Methylnaphthalene
Concen: 41.196 ng
RT: 8.728 min Scan# 1129
Delta R.T. 0.000 min
Lab File: BF133267.D
Acq: 05 May 2023 17:09

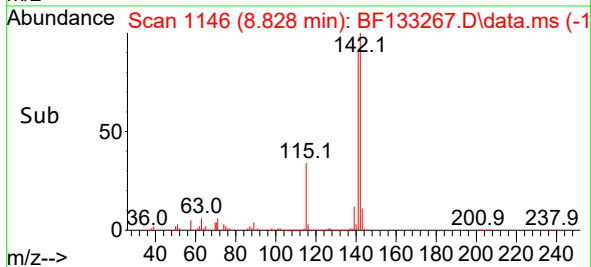
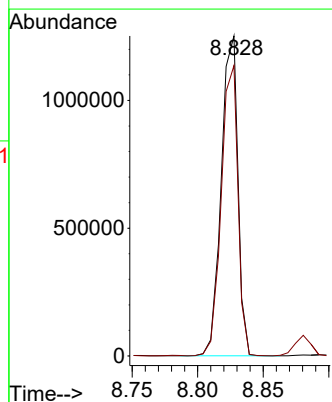
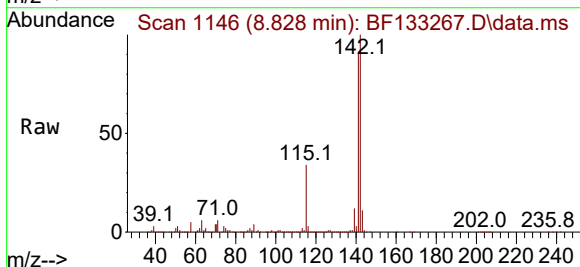
Instrument :
BNA_F
ClientSampleId :
PB152595BS

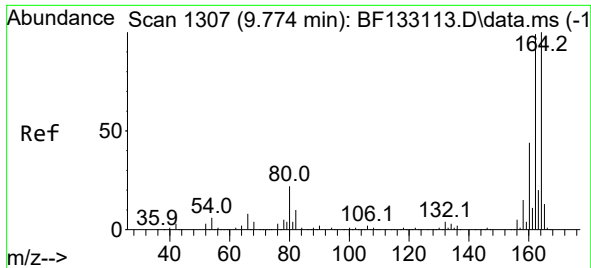
Tgt Ion:142 Resp: 1171721
Ion Ratio Lower Upper
142 100
141 86.1 69.4 104.0



#38
1-Methylnaphthalene
Concen: 41.438 ng
RT: 8.828 min Scan# 1146
Delta R.T. 0.006 min
Lab File: BF133267.D
Acq: 05 May 2023 17:09

Tgt Ion:142 Resp: 1102571
Ion Ratio Lower Upper
142 100
141 90.8 73.1 109.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.769 min Scan# 1158

Delta R.T. 0.006 min

Lab File: BF133267.D

Acq: 05 May 2023 17:09

Instrument :

BNA_F

ClientSampleId :

PB152595BS

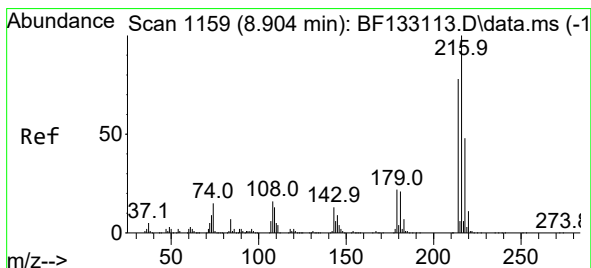
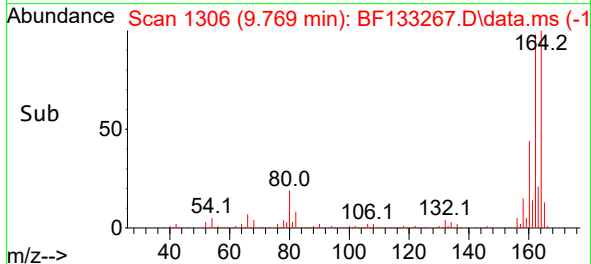
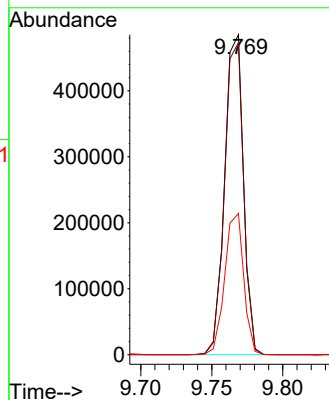
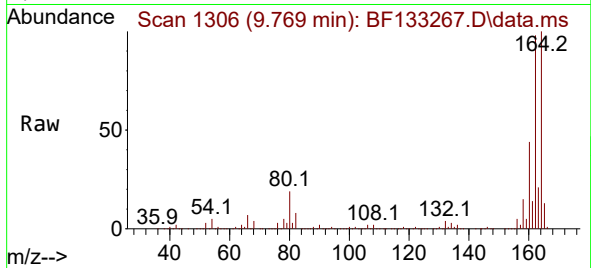
Tgt Ion:164 Resp: 446093

Ion Ratio Lower Upper

164 100

162 97.6 78.7 118.1

160 44.2 35.8 53.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.569 ng

RT: 8.898 min Scan# 1158

Delta R.T. 0.006 min

Lab File: BF133267.D

Acq: 05 May 2023 17:09

Tgt Ion:216 Resp: 486595

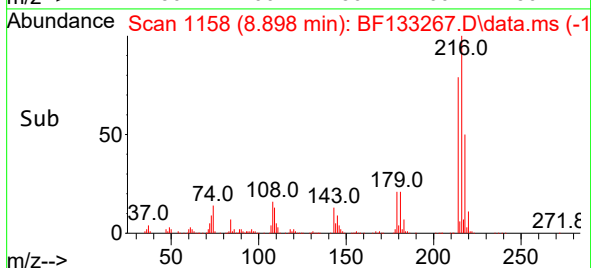
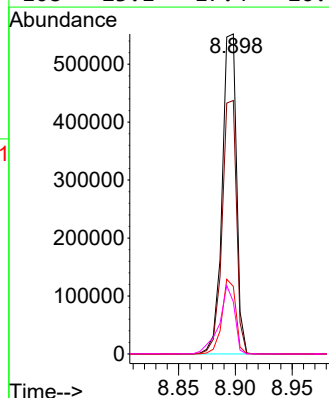
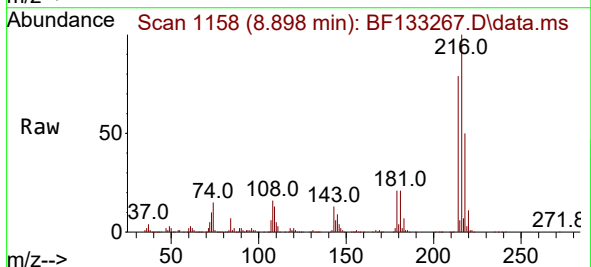
Ion Ratio Lower Upper

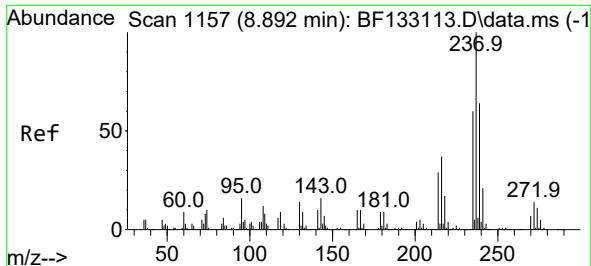
216 100

214 79.2 63.5 95.3

179 22.3 17.4 26.2

108 23.1 17.4 26.0

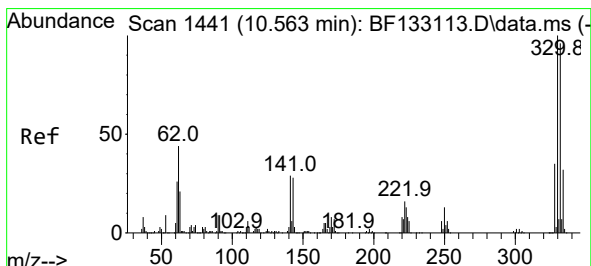
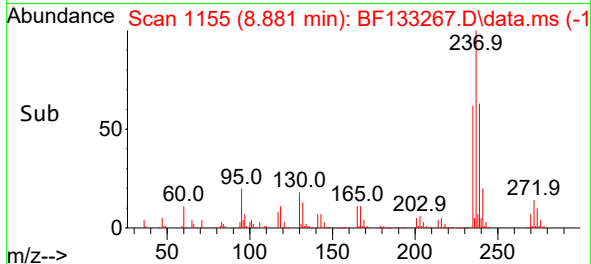
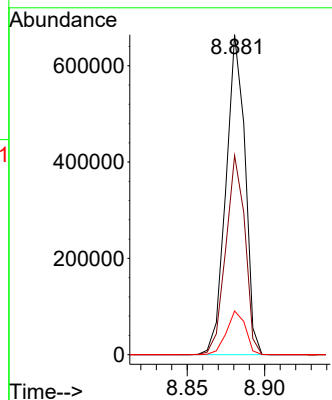
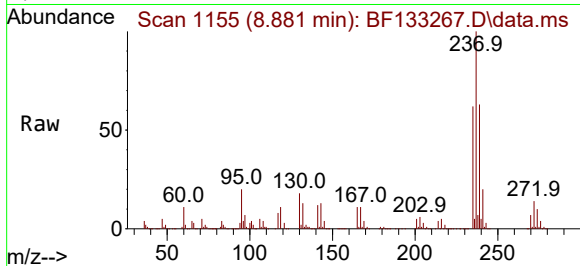




#41
Hexachlorocyclopentadiene
Concen: 81.473 ng
RT: 8.881 min Scan# 1155
Delta R.T. 0.000 min
Lab File: BF133267.D
Acq: 05 May 2023 17:09

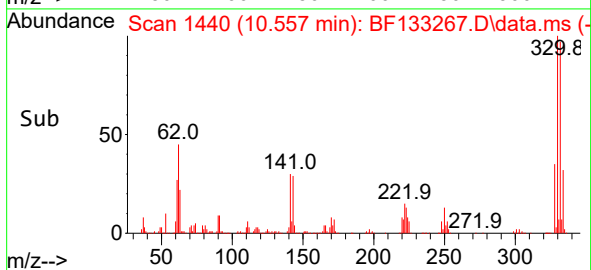
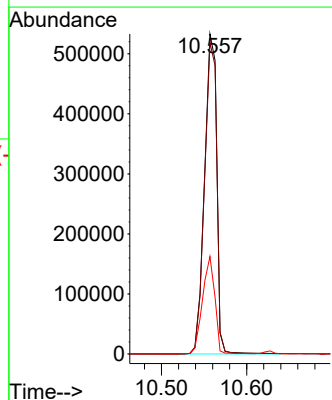
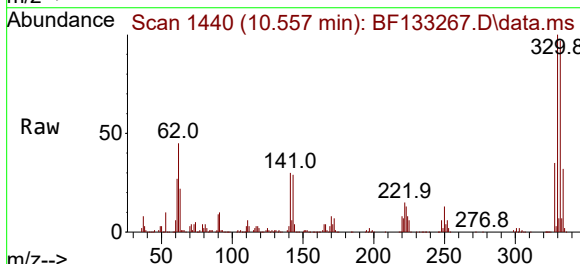
Instrument :
BNA_F
ClientSampleId :
PB152595BS

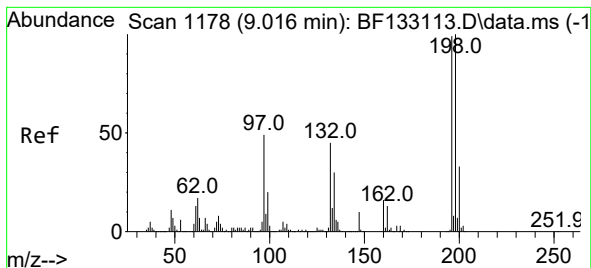
Tgt Ion: 237 Resp: 569910
Ion Ratio Lower Upper
237 100
235 62.2 43.5 83.5
272 13.7 0.0 32.7



#42
2,4,6-Tribromophenol
Concen: 118.081 ng
RT: 10.557 min Scan# 1440
Delta R.T. 0.000 min
Lab File: BF133267.D
Acq: 05 May 2023 17:09

Tgt Ion: 330 Resp: 529748
Ion Ratio Lower Upper
330 100
332 98.1 77.1 115.7
141 30.8 25.8 38.8





#43

2,4,6-Trichlorophenol

Concen: 42.598 ng

RT: 9.010 min Scan# 1177

Delta R.T. 0.006 min

Lab File: BF133267.D

Acq: 05 May 2023 17:09

Instrument :

BNA_F

ClientSampleId :

PB152595BS

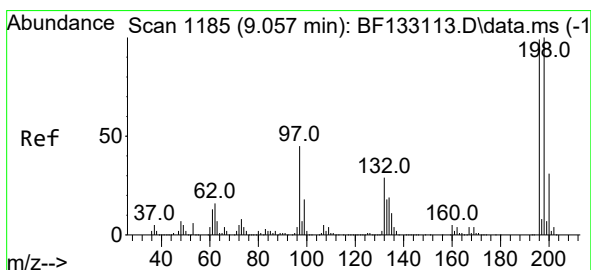
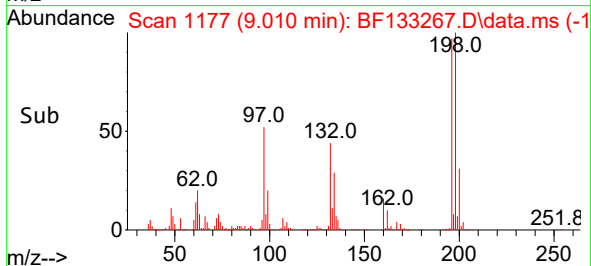
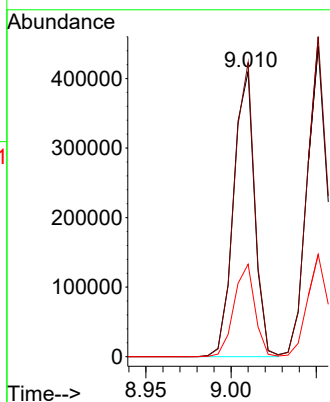
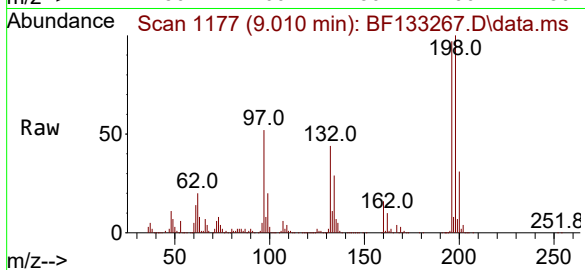
Tgt Ion:196 Resp: 353343

Ion Ratio Lower Upper

196 100

198 103.2 81.0 121.6

200 32.4 26.1 39.1



#44

2,4,5-Trichlorophenol

Concen: 39.096 ng

RT: 9.051 min Scan# 1184

Delta R.T. 0.006 min

Lab File: BF133267.D

Acq: 05 May 2023 17:09

Tgt Ion:196 Resp: 375053

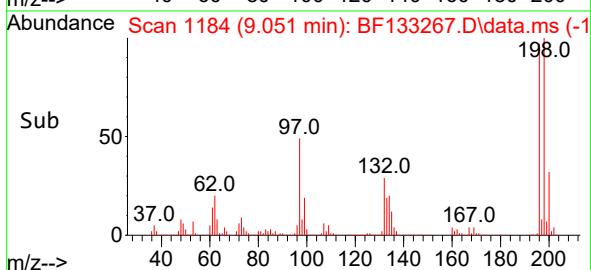
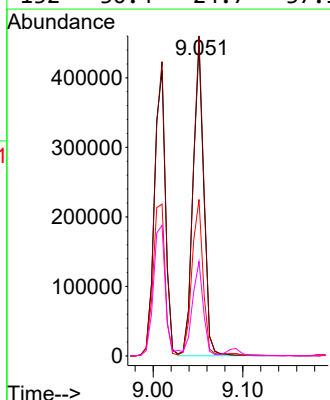
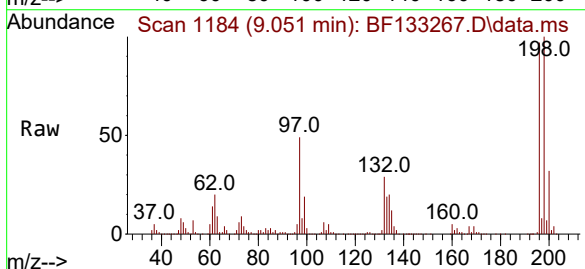
Ion Ratio Lower Upper

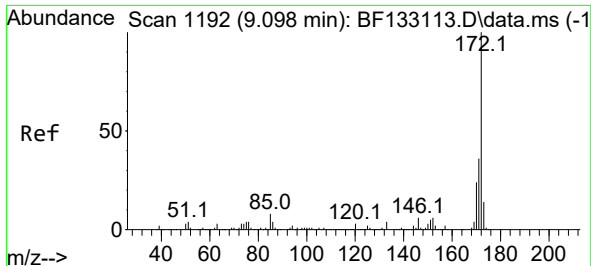
196 100

198 103.0 80.9 121.3

97 50.4 41.3 61.9

132 30.4 24.7 37.1





#45

2-Fluorobiphenyl

Concen: 80.383 ng

RT: 9.092 min Scan# 1192

Delta R.T. 0.000 min

Lab File: BF133267.D

Acq: 05 May 2023 17:09

Instrument :

BNA_F

ClientSampleId :

PB152595BS

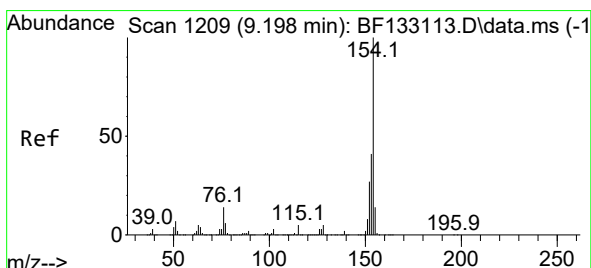
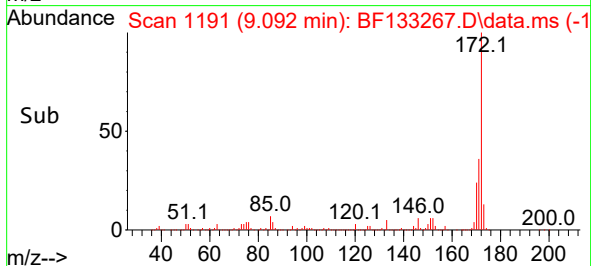
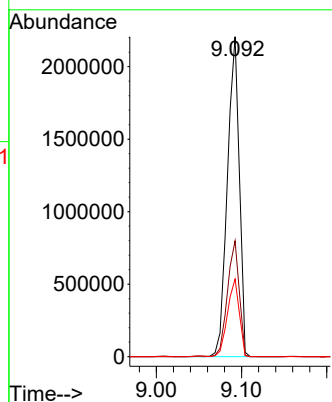
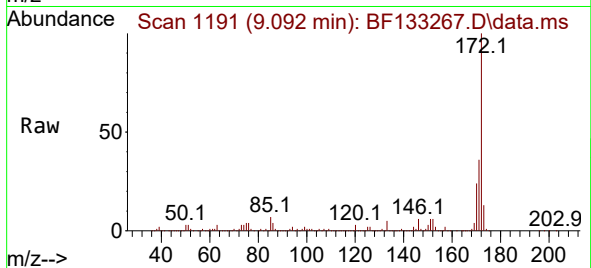
Tgt Ion:172 Resp: 2143351

Ion Ratio Lower Upper

172 100

171 36.2 28.8 43.2

170 24.2 19.4 29.2



#46

1,1'-Biphenyl

Concen: 41.101 ng

RT: 9.192 min Scan# 1208

Delta R.T. 0.000 min

Lab File: BF133267.D

Acq: 05 May 2023 17:09

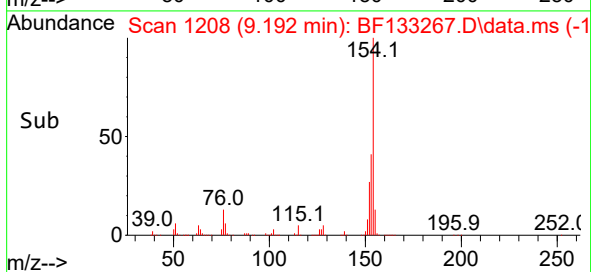
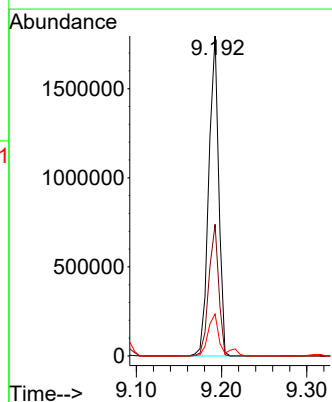
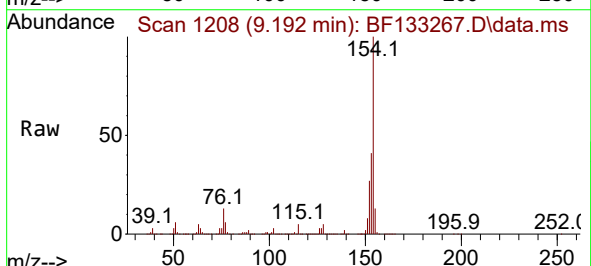
Tgt Ion:154 Resp: 1453884

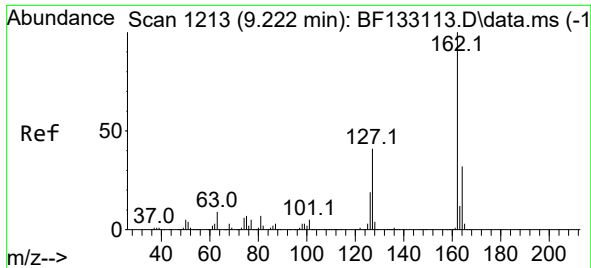
Ion Ratio Lower Upper

154 100

153 41.1 21.0 61.0

76 13.1 0.0 34.5

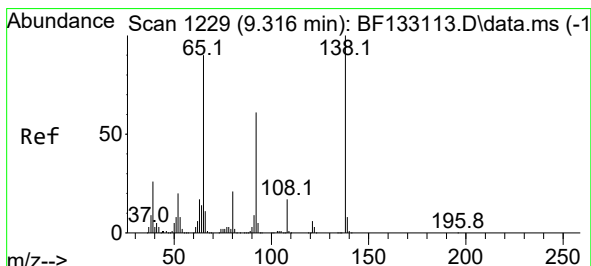
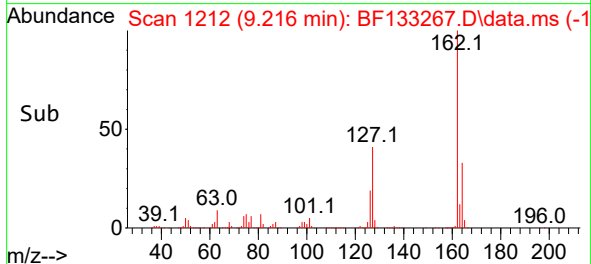
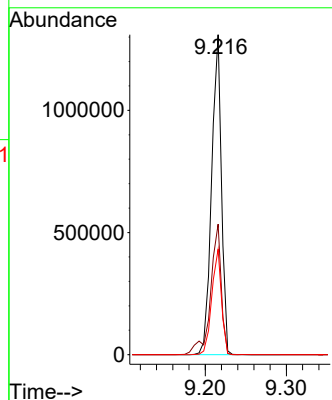
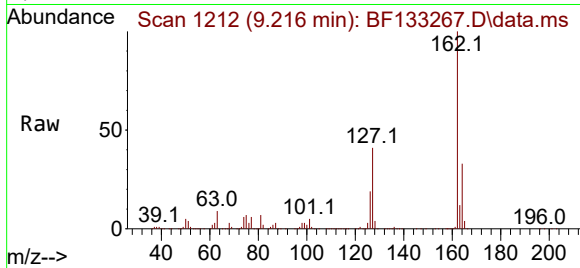




#47
2-Chloronaphthalene
Concen: 42.325 ng
RT: 9.216 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133267.D
Acq: 05 May 2023 17:09

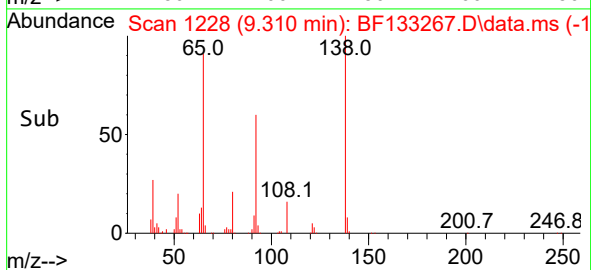
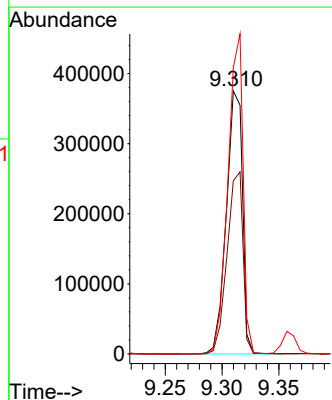
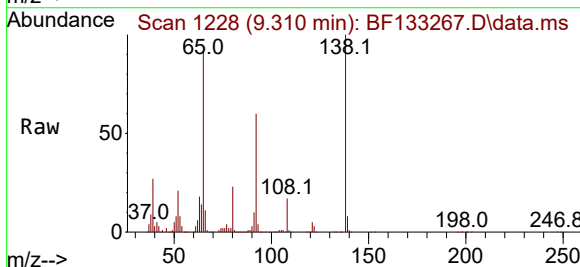
Instrument :
BNA_F
ClientSampleId :
PB152595BS

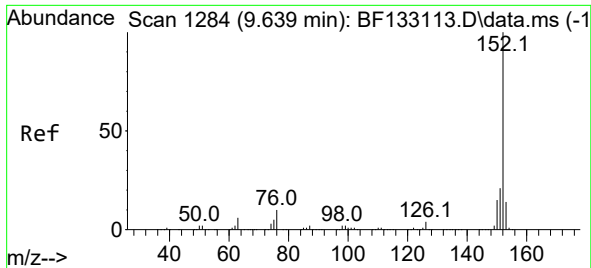
Tgt Ion:162 Resp: 1095838
Ion Ratio Lower Upper
162 100
127 40.8 32.3 48.5
164 33.0 26.8 40.2



#48
2-Nitroaniline
Concen: 43.335 ng
RT: 9.310 min Scan# 1228
Delta R.T. 0.000 min
Lab File: BF133267.D
Acq: 05 May 2023 17:09

Tgt Ion: 65 Resp: 370811
Ion Ratio Lower Upper
65 100
92 65.9 55.4 83.0
138 108.9 98.2 147.2

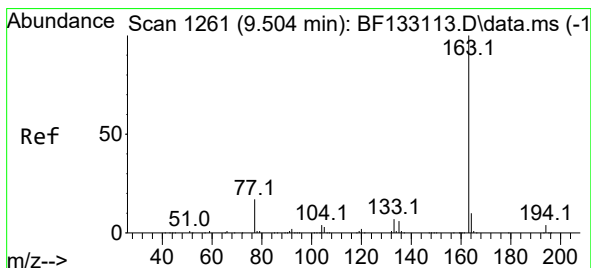
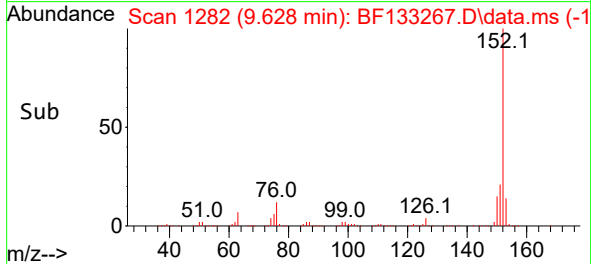
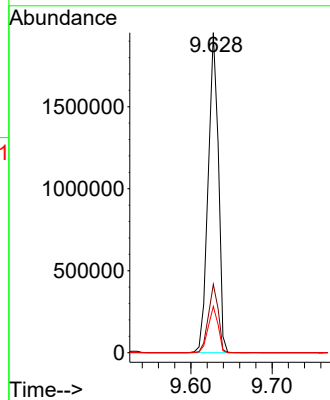
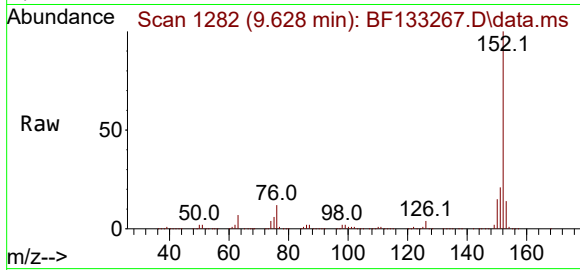




#49
Acenaphthylene
Concen: 40.901 ng
RT: 9.628 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133267.D
Acq: 05 May 2023 17:09

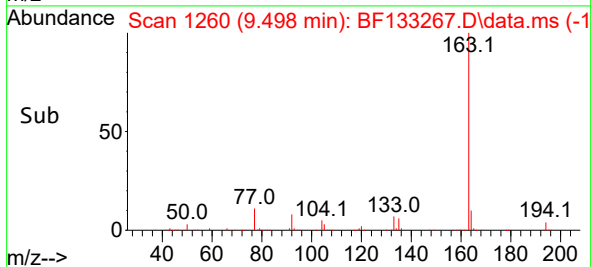
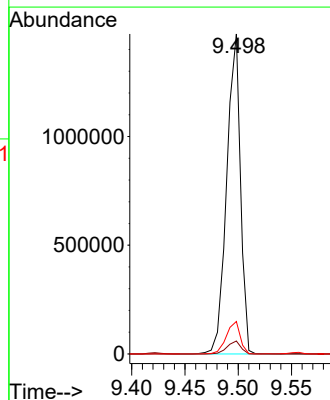
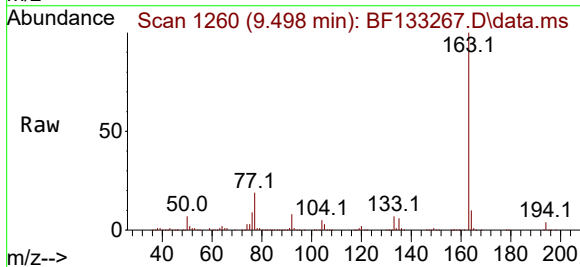
Instrument :
BNA_F
ClientSampleId :
PB152595BS

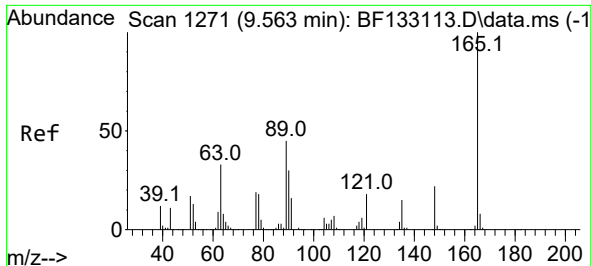
Tgt Ion:152 Resp: 1692050
Ion Ratio Lower Upper
152 100
151 21.3 16.6 24.8
153 14.5 11.5 17.3



#50
Dimethylphthalate
Concen: 42.260 ng
RT: 9.498 min Scan# 1260
Delta R.T. 0.006 min
Lab File: BF133267.D
Acq: 05 May 2023 17:09

Tgt Ion:163 Resp: 1314493
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.1 8.5 12.7





#51

2,6-Dinitrotoluene

Concen: 43.653 ng

RT: 9.557 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF133267.D

Acq: 05 May 2023 17:09

Instrument :

BNA_F

ClientSampleId :

PB152595BS

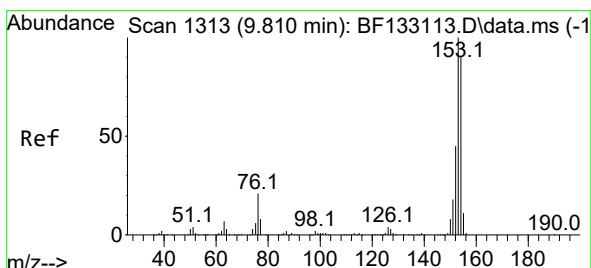
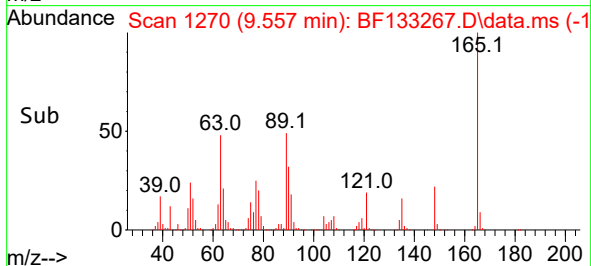
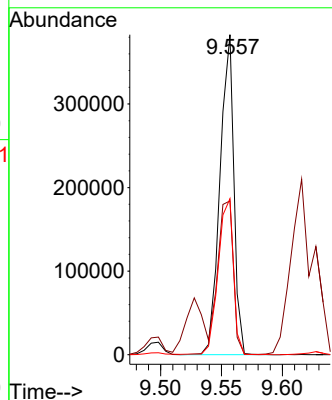
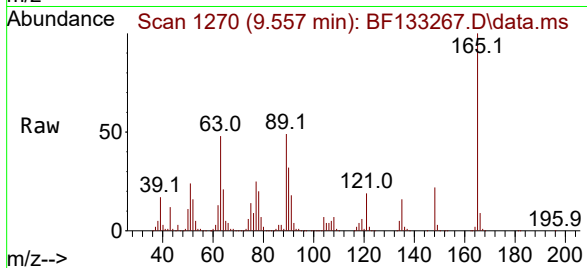
Tgt Ion:165 Resp: 305612

Ion Ratio Lower Upper

165 100

63 48.0 45.9 68.9

89 48.7 44.0 66.0



#52

Acenaphthene

Concen: 37.288 ng

RT: 9.804 min Scan# 1312

Delta R.T. 0.006 min

Lab File: BF133267.D

Acq: 05 May 2023 17:09

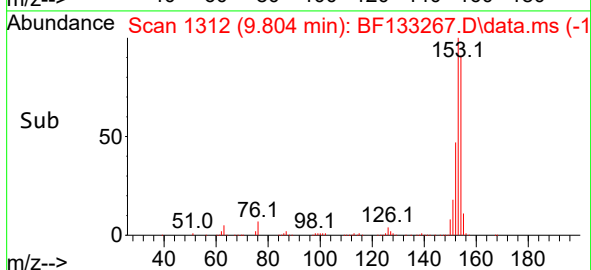
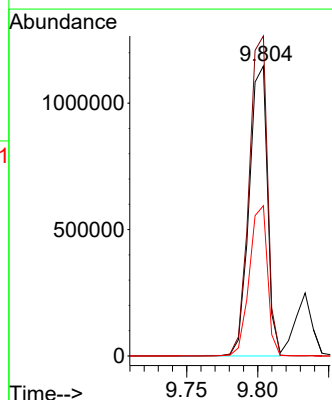
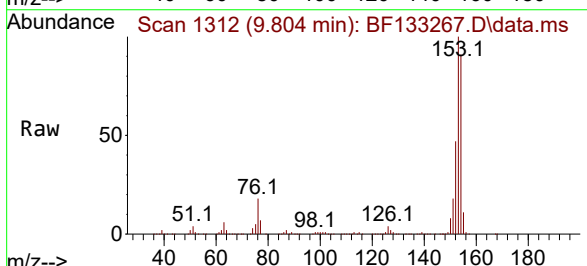
Tgt Ion:154 Resp: 1033161

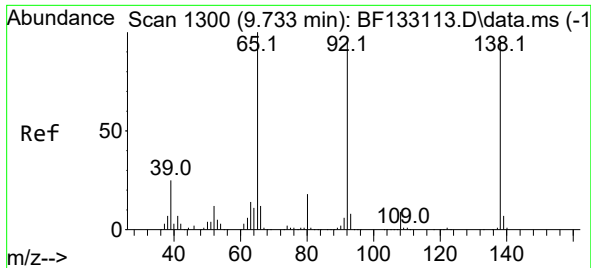
Ion Ratio Lower Upper

154 100

153 110.4 89.0 133.6

152 51.8 40.4 60.6

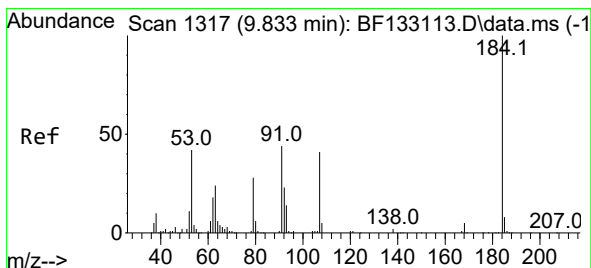
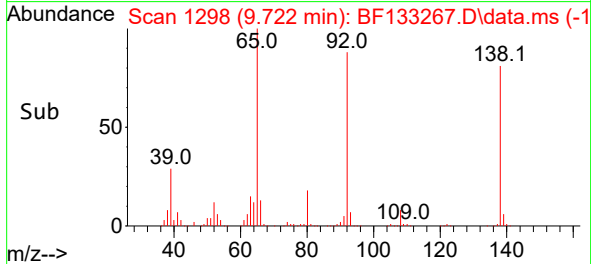
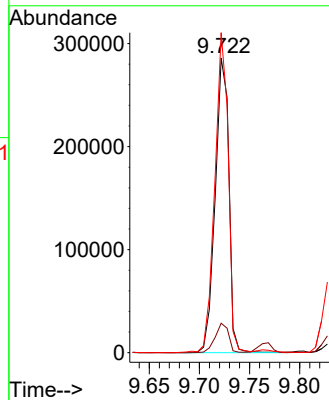
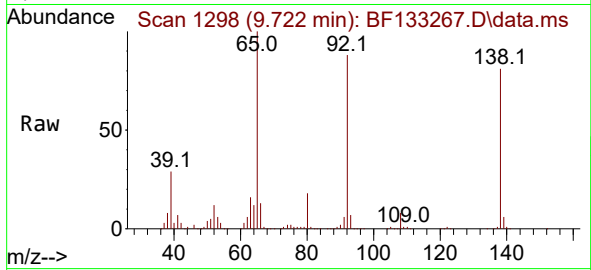




#53
3-Nitroaniline
Concen: 32.470 ng
RT: 9.722 min Scan# 1298
Delta R.T. 0.000 min
Lab File: BF133267.D
Acq: 05 May 2023 17:09

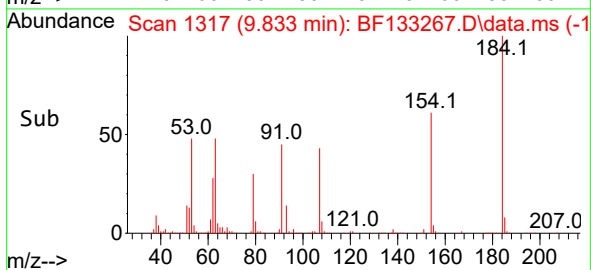
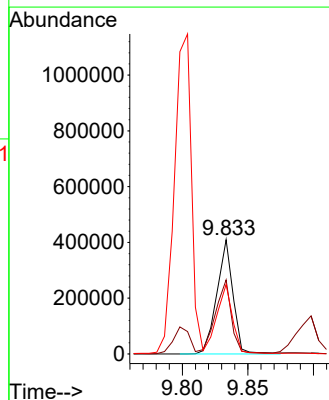
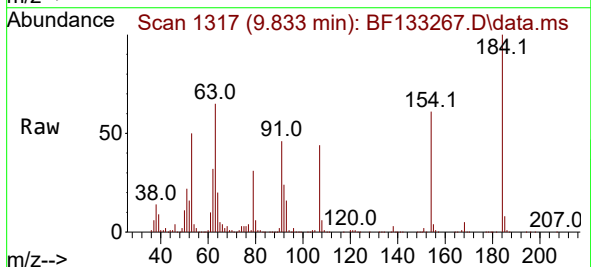
Instrument :
BNA_F
ClientSampleId :
PB152595BS

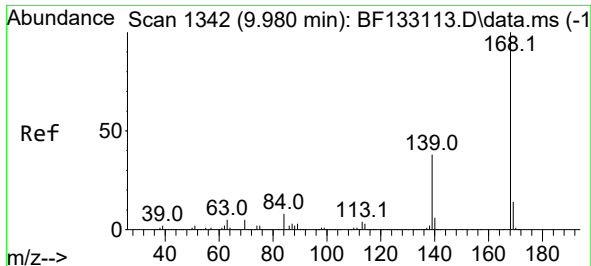
Tgt Ion:138 Resp: 270289
Ion Ratio Lower Upper
138 100
108 10.0 8.0 12.0
92 108.6 83.6 125.4



#54
2,4-Dinitrophenol
Concen: 99.757 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.006 min
Lab File: BF133267.D
Acq: 05 May 2023 17:09

Tgt Ion:184 Resp: 351049
Ion Ratio Lower Upper
184 100
63 64.8 49.8 74.8
154 60.8 49.5 74.3





#55

Dibenzofuran

Concen: 39.999 ng

RT: 9.975 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF133267.D

Acq: 05 May 2023 17:09

Instrument :

BNA_F

ClientSampleId :

PB152595BS

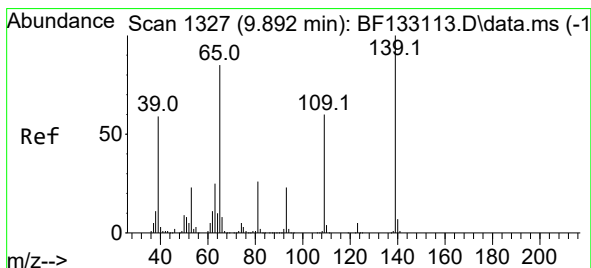
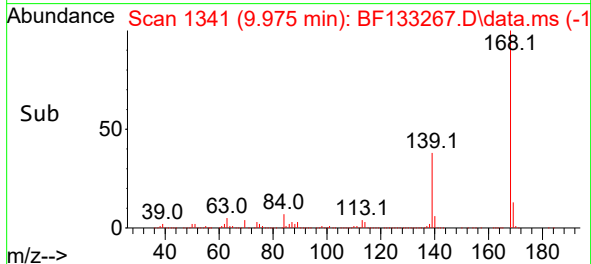
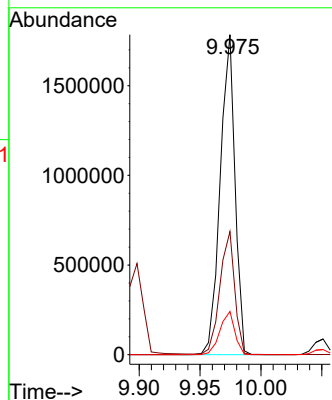
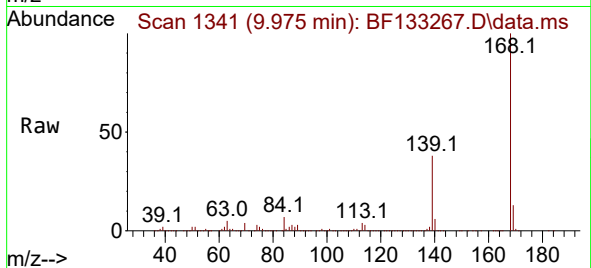
Tgt Ion:168 Resp: 1511777

Ion Ratio Lower Upper

168 100

139 38.5 29.8 44.8

169 13.5 10.8 16.2



#56

4-Nitrophenol

Concen: 82.811 ng

RT: 9.898 min Scan# 1328

Delta R.T. 0.012 min

Lab File: BF133267.D

Acq: 05 May 2023 17:09

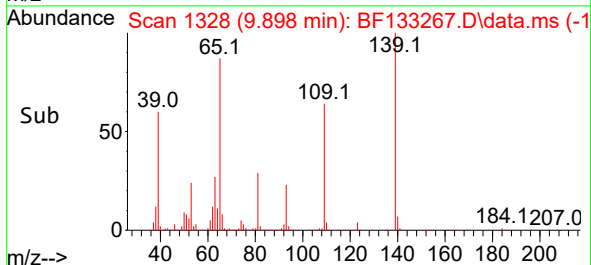
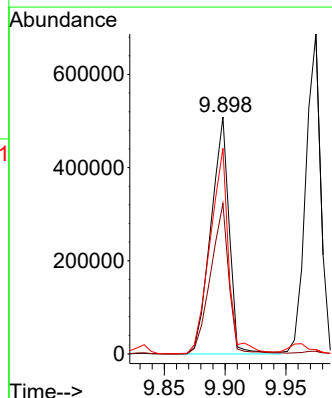
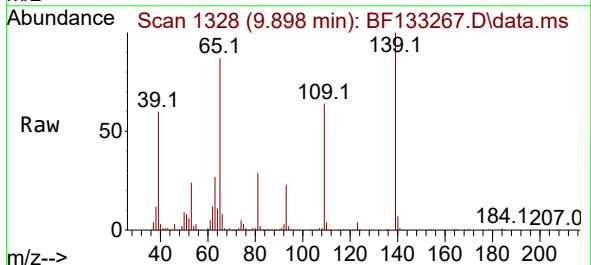
Tgt Ion:139 Resp: 533908

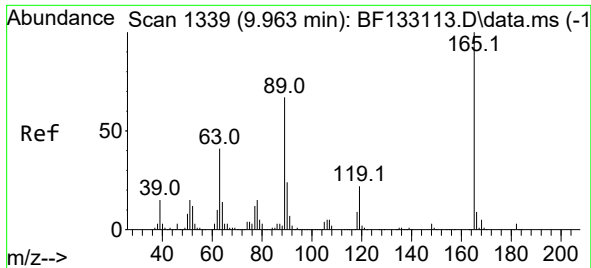
Ion Ratio Lower Upper

139 100

109 63.6 39.4 79.4

65 86.8 57.5 97.5

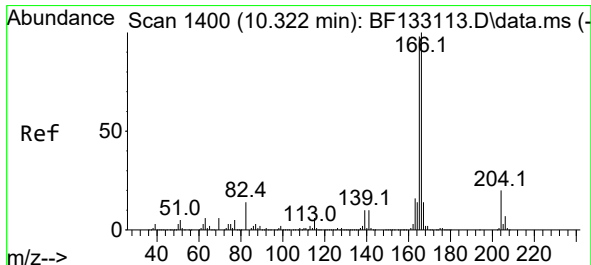
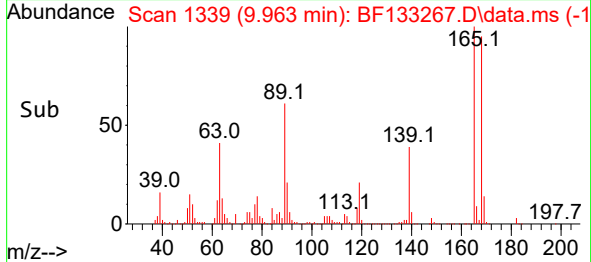
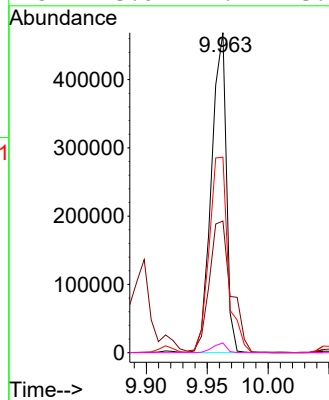
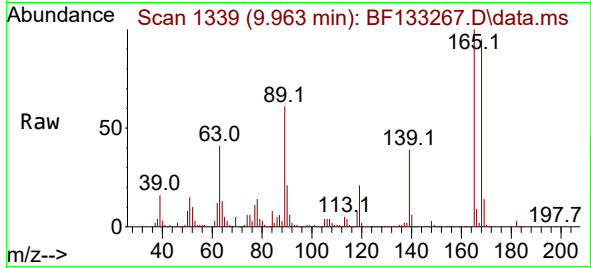




#57
2,4-Dinitrotoluene
Concen: 44.659 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.006 min
Lab File: BF133267.D
Acq: 05 May 2023 17:09

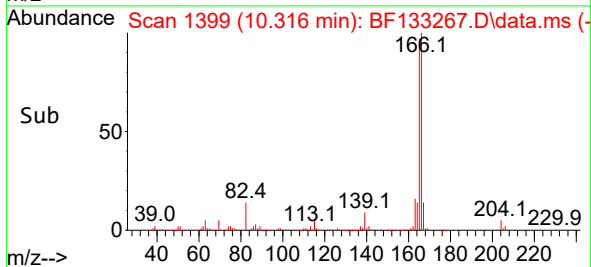
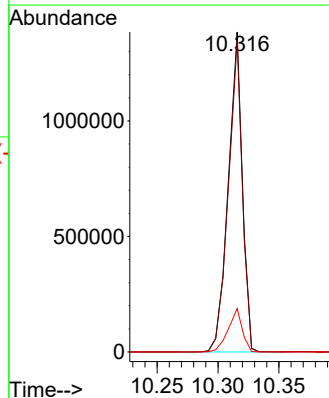
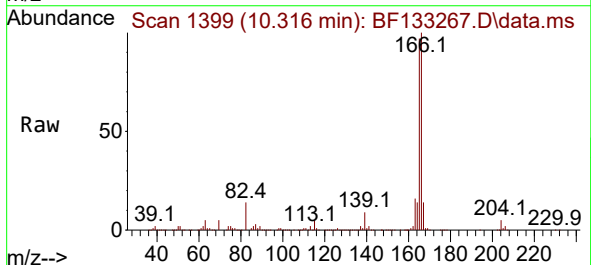
Instrument :
BNA_F
ClientSampleId :
PB152595BS

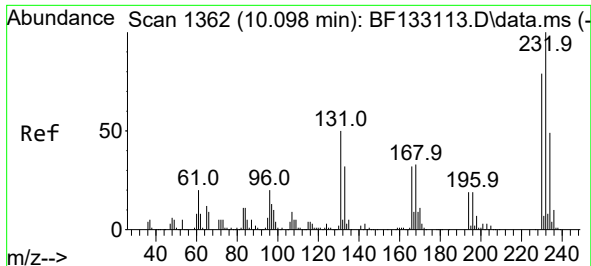
Tgt Ion:165 Resp: 398722
Ion Ratio Lower Upper
165 100
63 41.1 37.7 56.5
89 61.1 57.0 85.4
182 3.0 2.1 3.1



#58
Fluorene
Concen: 40.372 ng
RT: 10.316 min Scan# 1399
Delta R.T. 0.000 min
Lab File: BF133267.D
Acq: 05 May 2023 17:09

Tgt Ion:166 Resp: 1117917
Ion Ratio Lower Upper
166 100
165 97.4 78.6 117.8
167 13.6 11.0 16.4

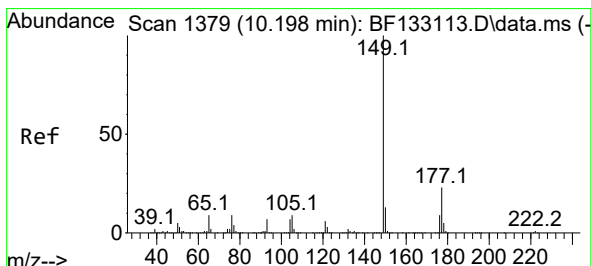
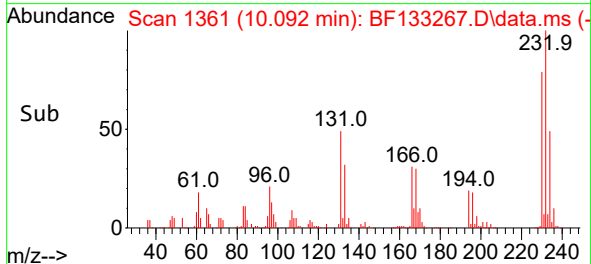
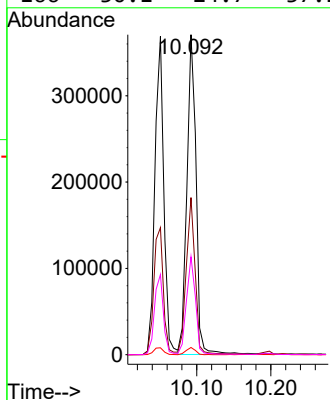
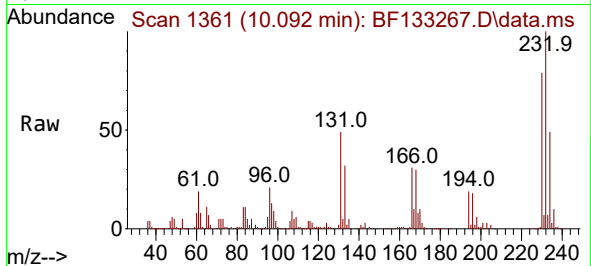




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.890 ng
RT: 10.092 min Scan# 1361
Delta R.T. 0.000 min
Lab File: BF133267.D
Acq: 05 May 2023 17:09

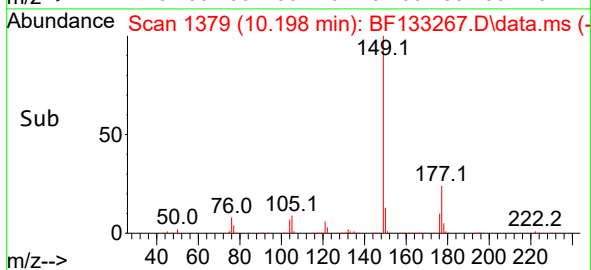
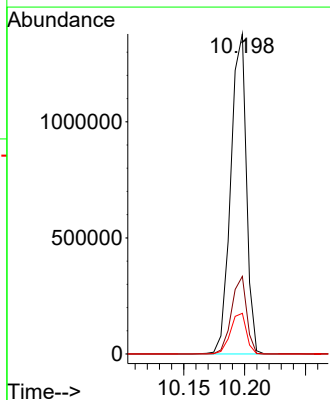
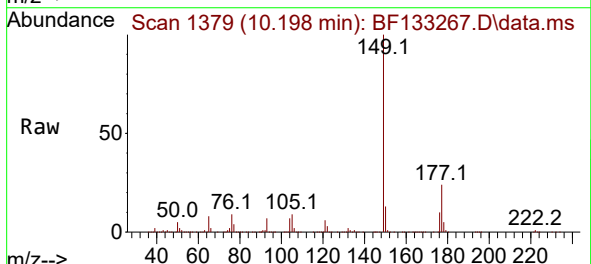
Instrument :
BNA_F
ClientSampleId :
PB152595BS

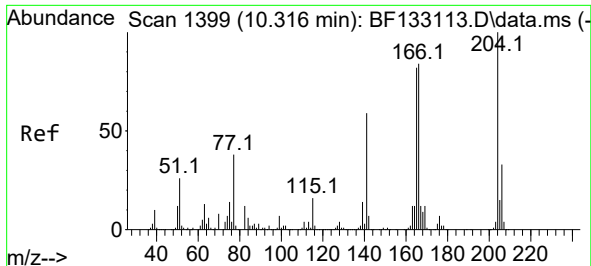
Tgt Ion:232 Resp: 318981
Ion Ratio Lower Upper
232 100
131 47.6 38.0 57.0
130 2.3 1.8 2.8
166 30.1 24.7 37.1



#60
Diethylphthalate
Concen: 42.005 ng
RT: 10.198 min Scan# 1379
Delta R.T. 0.006 min
Lab File: BF133267.D
Acq: 05 May 2023 17:09

Tgt Ion:149 Resp: 1234132
Ion Ratio Lower Upper
149 100
177 24.2 18.2 27.4
150 12.7 10.2 15.4

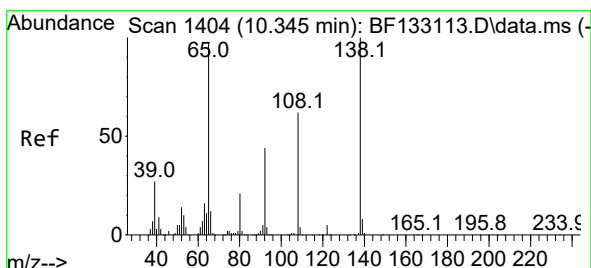
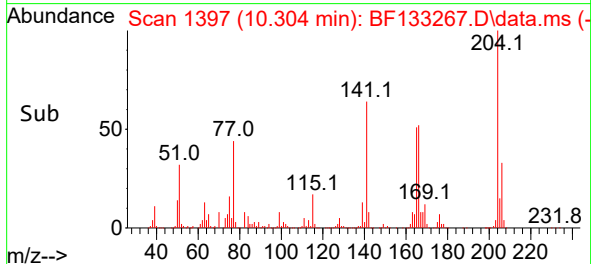
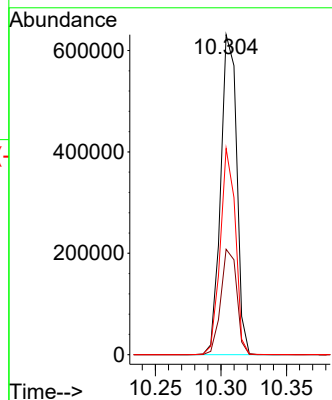
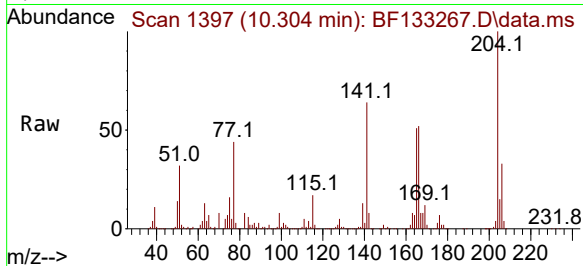




#61
4-Chlorophenyl-phenylether
Concen: 39.650 ng
RT: 10.304 min Scan# 1399
Delta R.T. 0.000 min
Lab File: BF133267.D
Acq: 05 May 2023 17:09

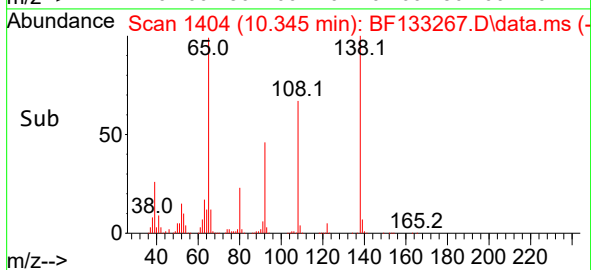
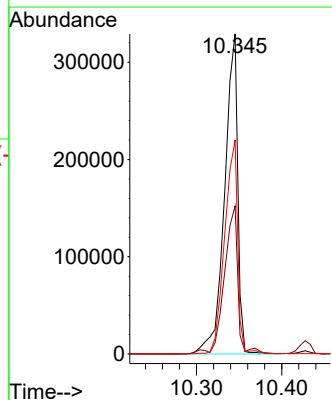
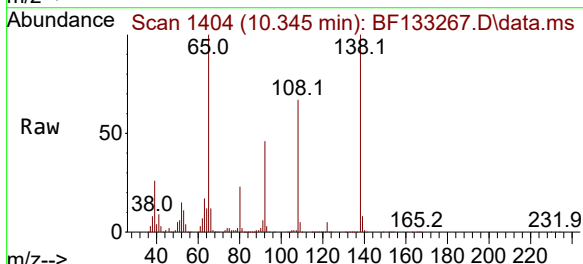
Instrument :
BNA_F
ClientSampleId :
PB152595BS

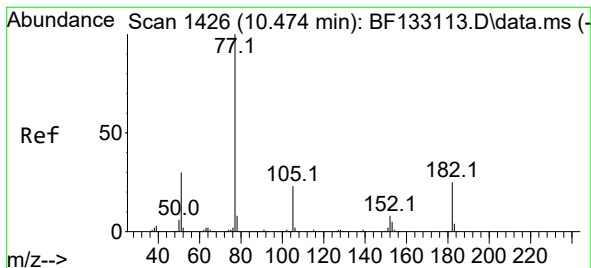
Tgt Ion:204 Resp: 535043
Ion Ratio Lower Upper
204 100
206 33.0 26.1 39.1
141 64.5 46.1 69.1



#62
4-Nitroaniline
Concen: 46.103 ng
RT: 10.345 min Scan# 1404
Delta R.T. 0.012 min
Lab File: BF133267.D
Acq: 05 May 2023 17:09

Tgt Ion:138 Resp: 352730
Ion Ratio Lower Upper
138 100
92 46.2 27.7 67.7
108 66.8 45.2 85.2





#63

Azobenzene

Concen: 39.888 ng

RT: 10.469 min Scan# 14

Delta R.T. 0.000 min

Lab File: BF133267.D

Acq: 05 May 2023 17:09

Instrument :

BNA_F

ClientSampleId :

PB152595BS

Tgt Ion: 77 Resp: 1241493

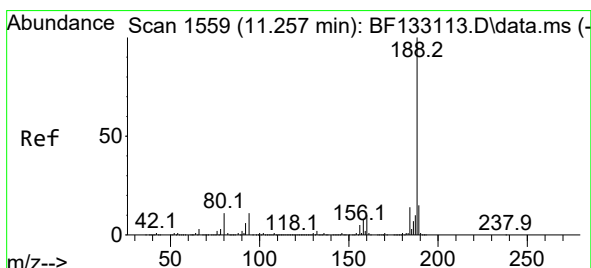
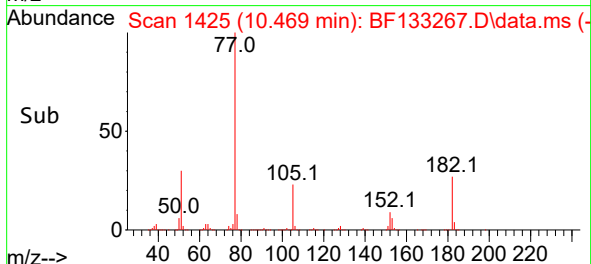
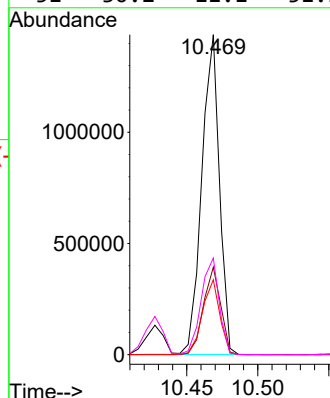
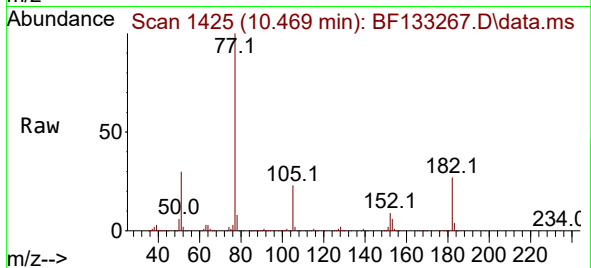
Ion Ratio Lower Upper

77 100

182 27.4 5.9 45.9

105 23.4 2.3 42.3

51 30.2 11.1 51.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.245 min Scan# 1557

Delta R.T. 0.000 min

Lab File: BF133267.D

Acq: 05 May 2023 17:09

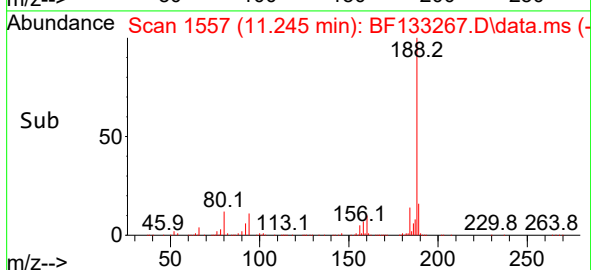
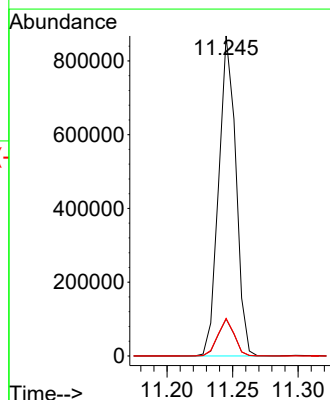
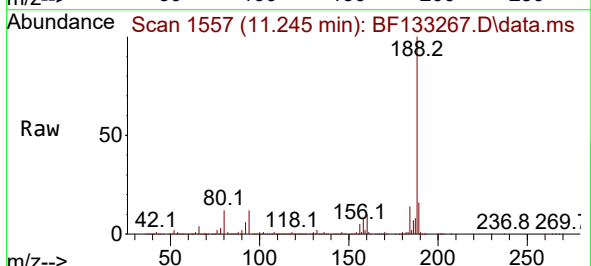
Tgt Ion:188 Resp: 789783

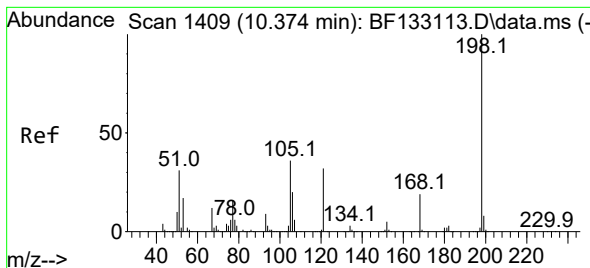
Ion Ratio Lower Upper

188 100

94 11.6 9.7 14.5

80 11.8 10.4 15.6

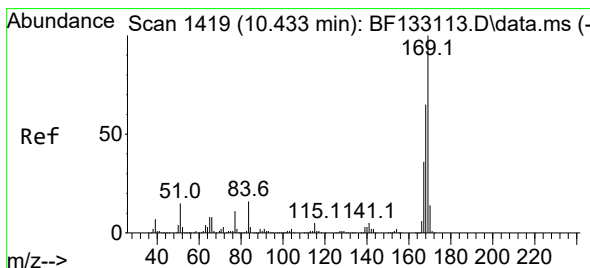
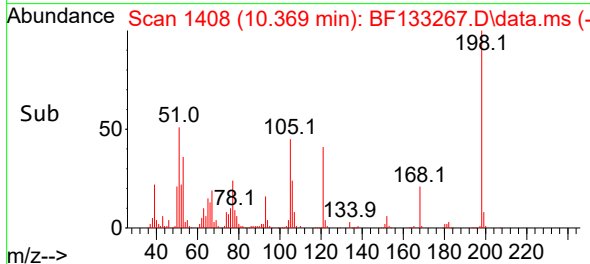
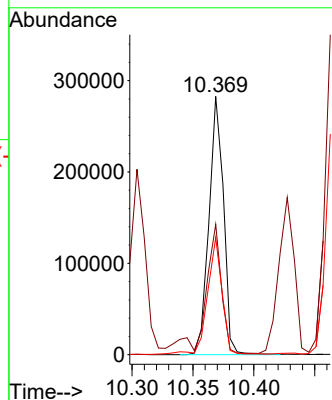
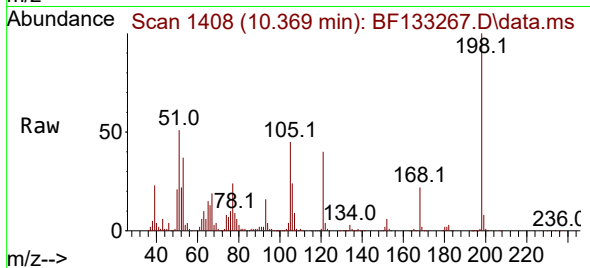




#65
4,6-Dinitro-2-methylphenol
Concen: 48.950 ng
RT: 10.369 min Scan# 1408
Delta R.T. 0.006 min
Lab File: BF133267.D
Acq: 05 May 2023 17:09

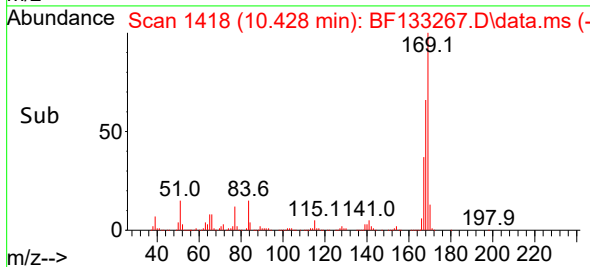
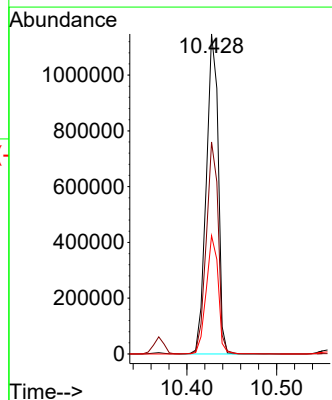
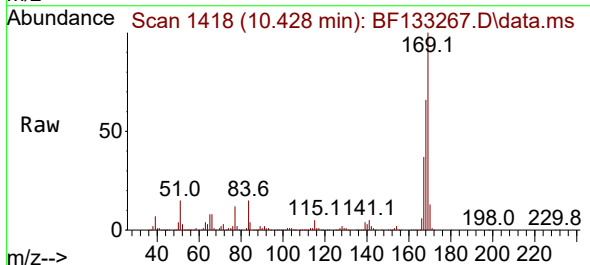
Instrument :
BNA_F
ClientSampleId :
PB152595BS

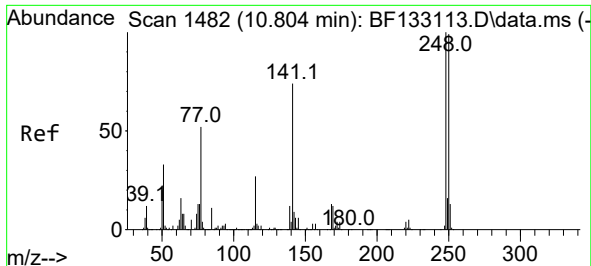
Tgt Ion:198 Resp: 234328
Ion Ratio Lower Upper
198 100
51 50.5 15.5 55.5
105 45.4 16.7 56.7



#66
n-Nitrosodiphenylamine
Concen: 41.345 ng
RT: 10.428 min Scan# 1418
Delta R.T. 0.000 min
Lab File: BF133267.D
Acq: 05 May 2023 17:09

Tgt Ion:169 Resp: 1059202
Ion Ratio Lower Upper
169 100
168 66.2 53.8 80.8
167 36.9 29.7 44.5

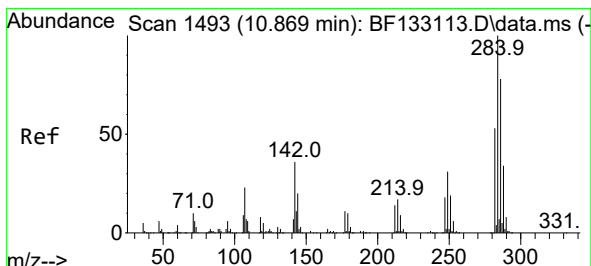
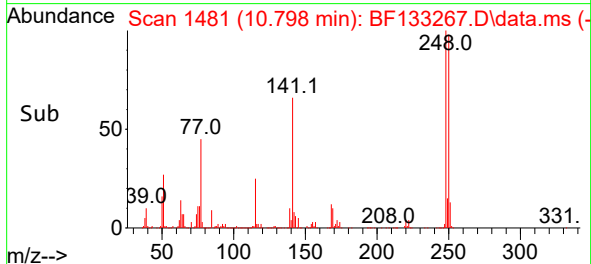
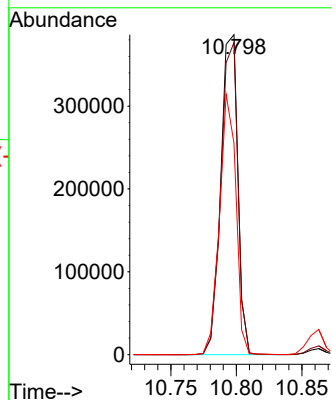
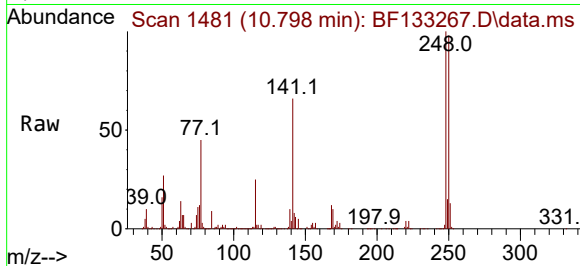




#67
4-Bromophenyl-phenylether
Concen: 40.853 ng
RT: 10.798 min Scan# 1481
Delta R.T. 0.006 min
Lab File: BF133267.D
Acq: 05 May 2023 17:09

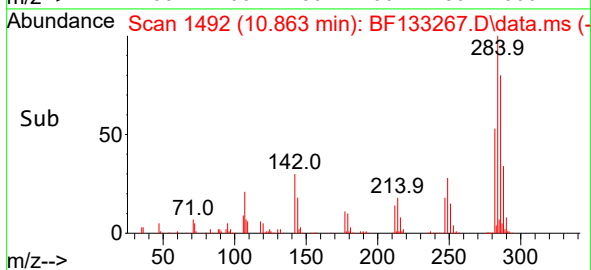
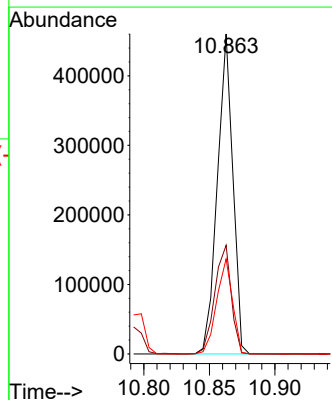
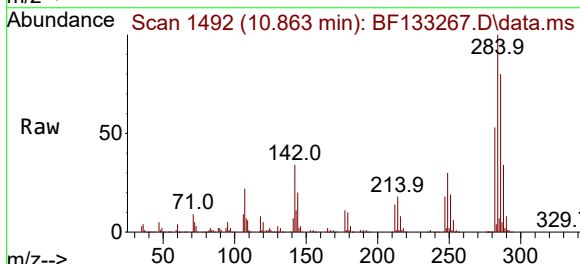
Instrument :
BNA_F
ClientSampleId :
PB152595BS

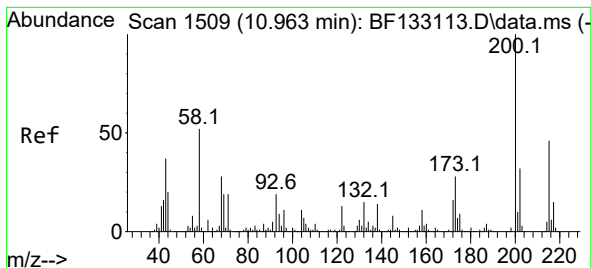
Tgt Ion:248 Resp: 349937
Ion Ratio Lower Upper
248 100
250 97.6 78.7 118.1
141 66.1 56.3 84.5



#68
Hexachlorobenzene
Concen: 42.933 ng
RT: 10.863 min Scan# 1492
Delta R.T. 0.000 min
Lab File: BF133267.D
Acq: 05 May 2023 17:09

Tgt Ion:284 Resp: 376831
Ion Ratio Lower Upper
284 100
142 34.0 26.0 39.0
249 29.7 23.7 35.5





#69

Atrazine

Concen: 48.923 ng

RT: 10.957 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF133267.D

Acq: 05 May 2023 17:09

Instrument :

BNA_F

ClientSampleId :

PB152595BS

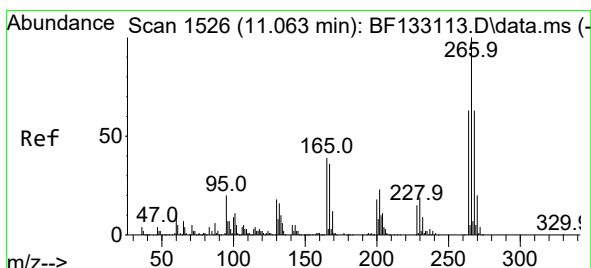
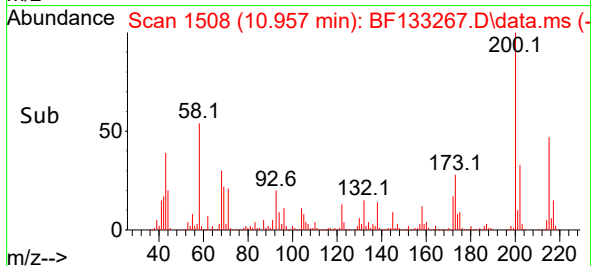
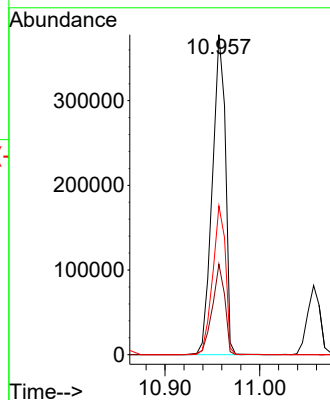
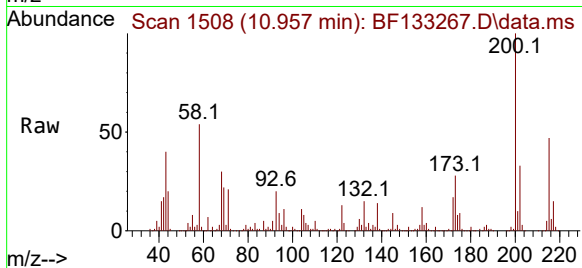
Tgt Ion:200 Resp: 361144

Ion Ratio Lower Upper

200 100

173 28.3 6.2 46.2

215 46.5 26.3 66.3



#70

Pentachlorophenol

Concen: 70.335 ng

RT: 11.057 min Scan# 1525

Delta R.T. -0.000 min

Lab File: BF133267.D

Acq: 05 May 2023 17:09

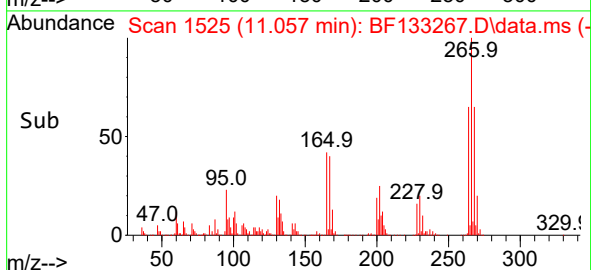
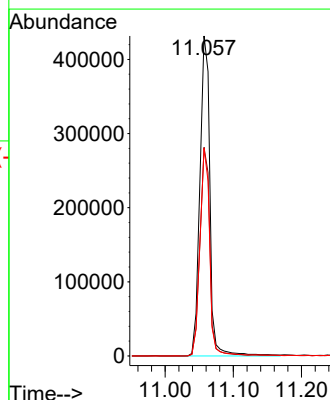
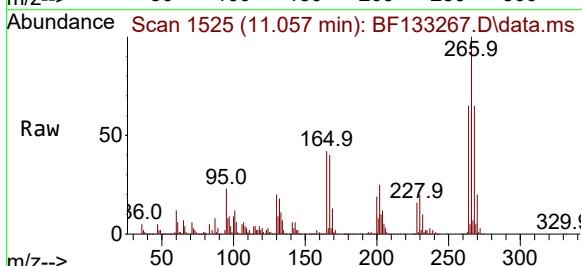
Tgt Ion:266 Resp: 439667

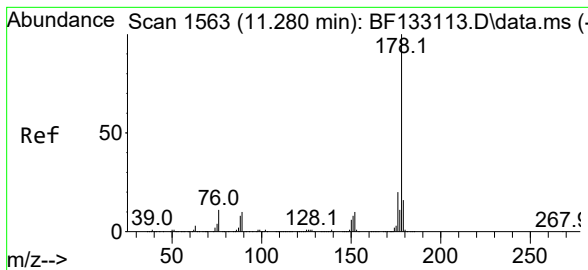
Ion Ratio Lower Upper

266 100

268 65.2 48.8 73.2

264 64.9 50.6 76.0

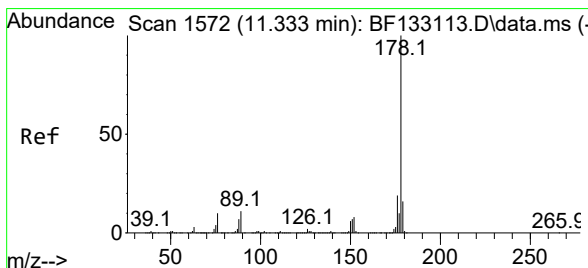
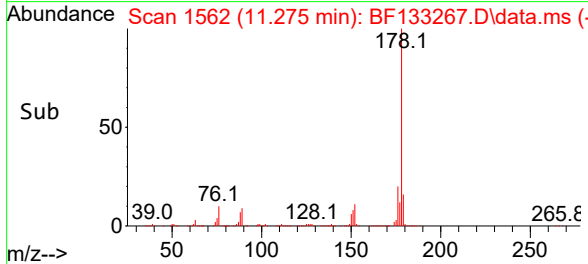
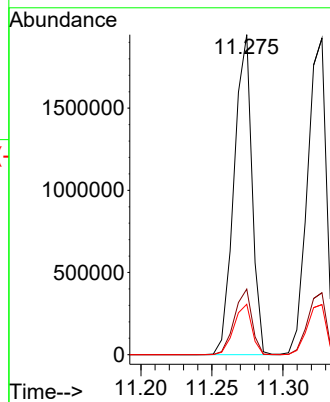
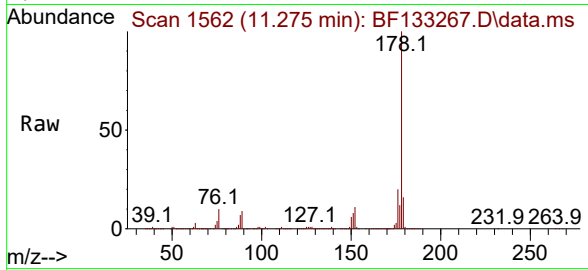




#71
Phenanthrene
Concen: 40.357 ng
RT: 11.275 min Scan# 1562
Delta R.T. 0.006 min
Lab File: BF133267.D
Acq: 05 May 2023 17:09

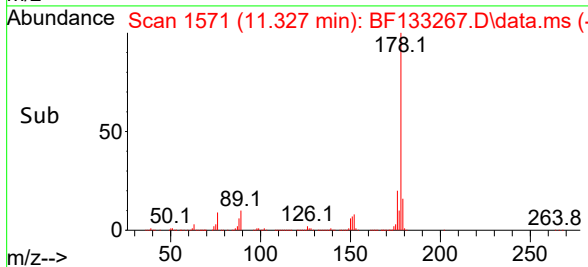
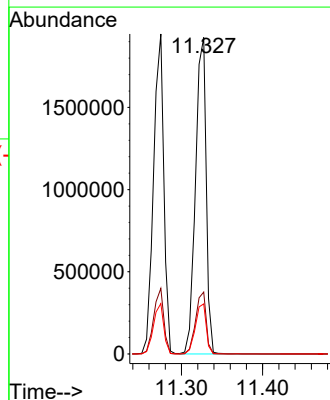
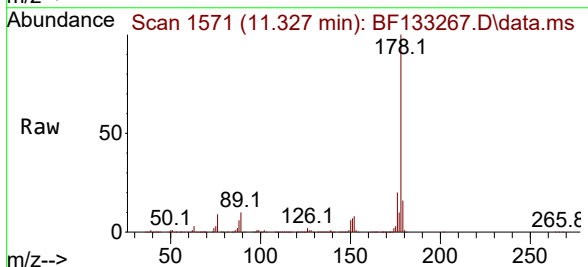
Instrument :
BNA_F
ClientSampleId :
PB152595BS

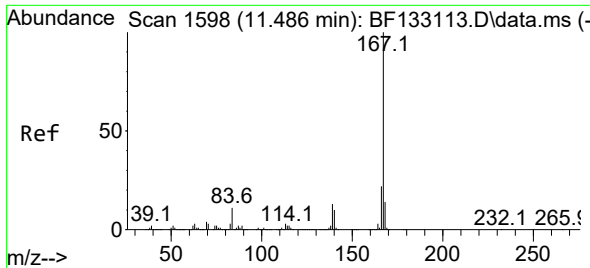
Tgt Ion:178 Resp: 1713086
Ion Ratio Lower Upper
178 100
176 20.5 15.9 23.9
179 15.8 12.5 18.7



#72
Anthracene
Concen: 40.785 ng
RT: 11.327 min Scan# 1571
Delta R.T. 0.006 min
Lab File: BF133267.D
Acq: 05 May 2023 17:09

Tgt Ion:178 Resp: 1771751
Ion Ratio Lower Upper
178 100
176 19.6 15.4 23.0
179 15.8 12.4 18.6

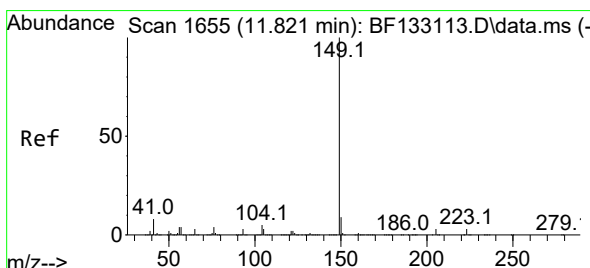
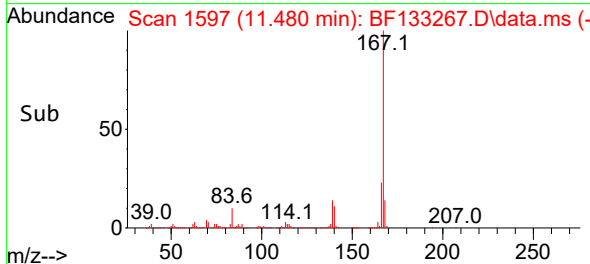
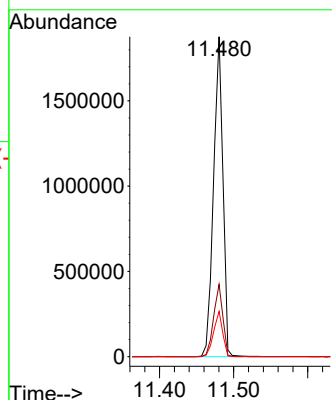
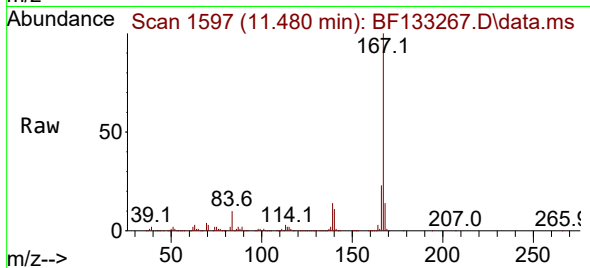




#73
 Carbazole
 Concen: 42.462 ng
 RT: 11.480 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF133267.D
 Acq: 05 May 2023 17:09

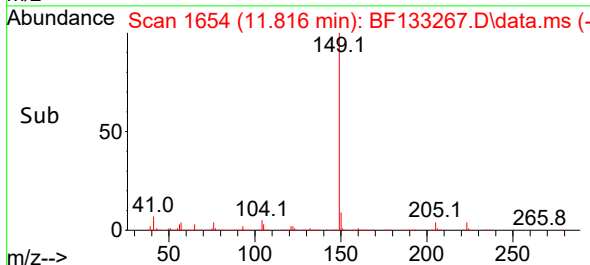
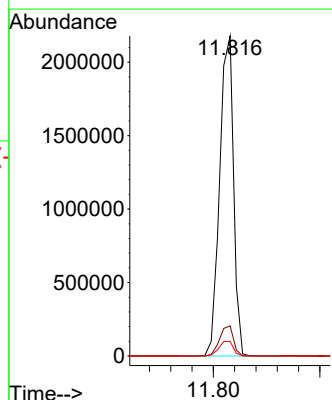
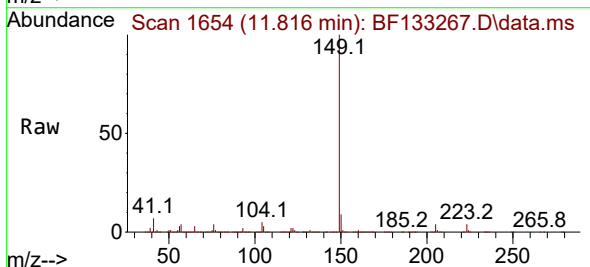
Instrument :
 BNA_F
 ClientSampleId :
 PB152595BS

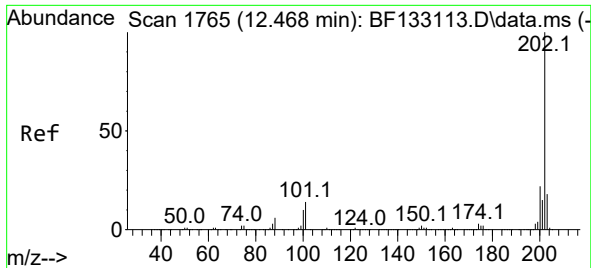
Tgt Ion:167 Resp: 1642479
 Ion Ratio Lower Upper
 167 100
 166 22.6 17.4 26.0
 139 14.2 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 44.838 ng
 RT: 11.816 min Scan# 1654
 Delta R.T. 0.006 min
 Lab File: BF133267.D
 Acq: 05 May 2023 17:09

Tgt Ion:149 Resp: 1962767
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.6 11.4
 104 4.5 4.0 6.0

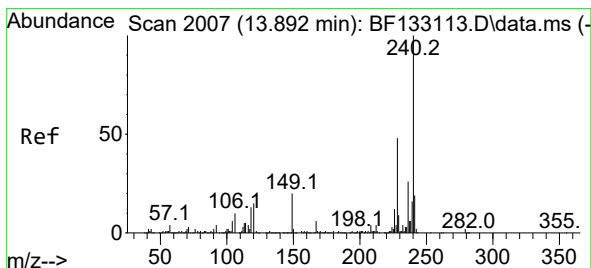
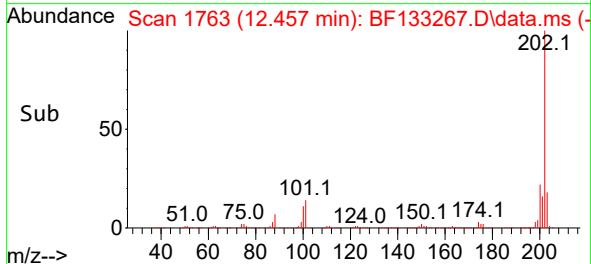
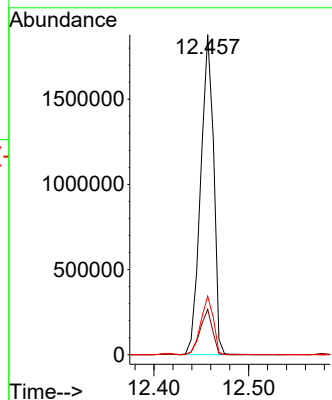
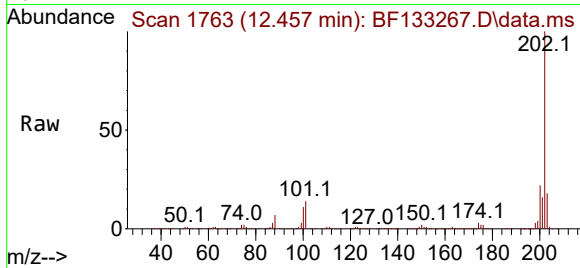




#75
Fluoranthene
Concen: 42.093 ng
RT: 12.457 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133267.D
Acq: 05 May 2023 17:09

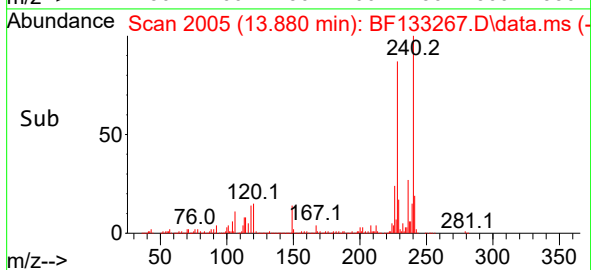
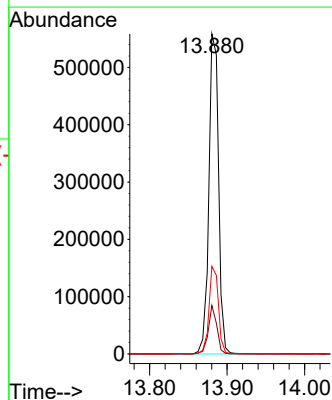
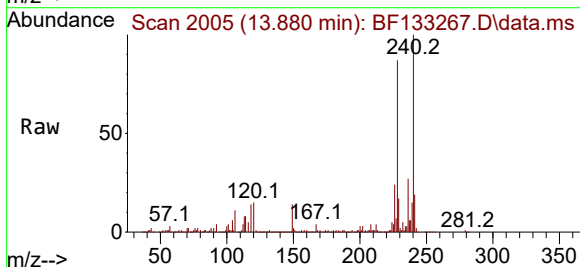
Instrument :
BNA_F
ClientSampleId :
PB152595BS

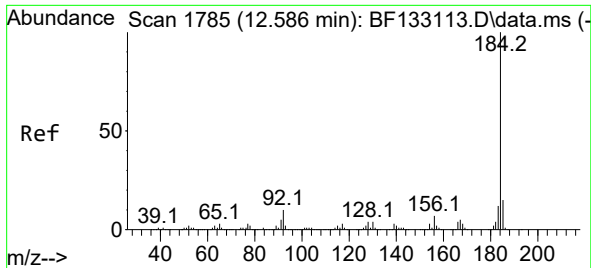
Tgt Ion:202 Resp: 1793258
Ion Ratio Lower Upper
202 100
101 14.2 0.0 35.3
203 18.3 0.0 38.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.880 min Scan# 2005
Delta R.T. 0.000 min
Lab File: BF133267.D
Acq: 05 May 2023 17:09

Tgt Ion:240 Resp: 485484
Ion Ratio Lower Upper
240 100
120 15.1 10.5 15.7
236 27.4 21.5 32.3

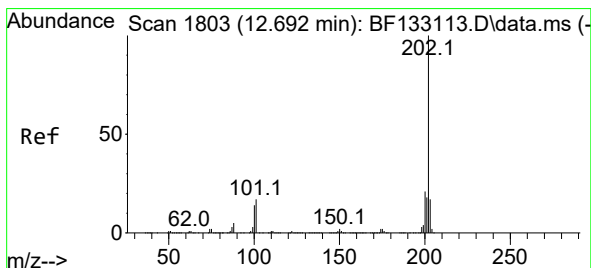
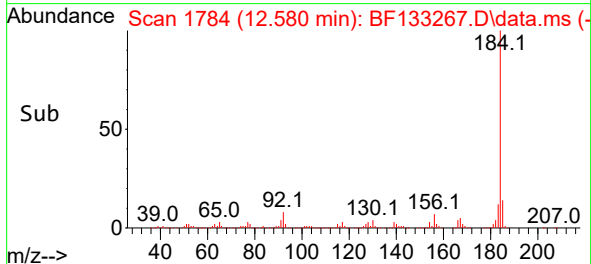
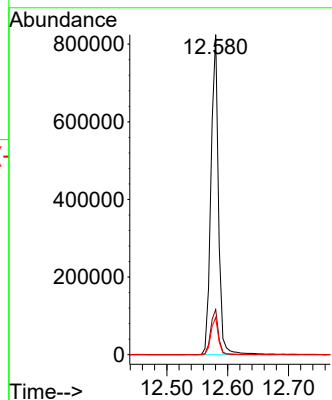
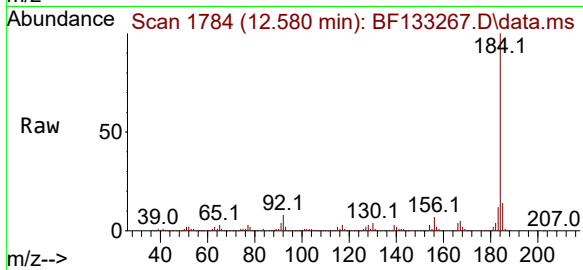




#77
Benzidine
Concen: 86.220 ng
RT: 12.580 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF133267.D
Acq: 05 May 2023 17:09

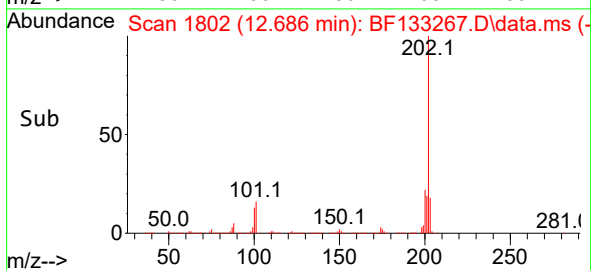
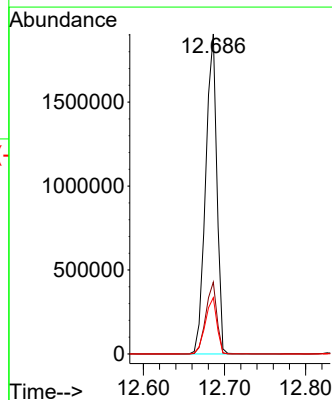
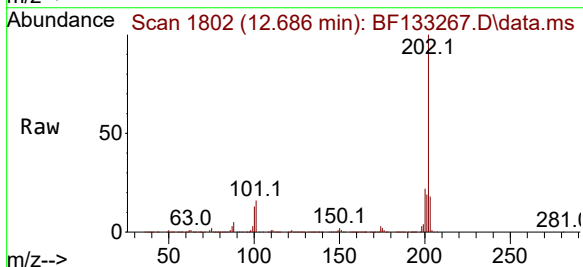
Instrument :
BNA_F
ClientSampleId :
PB152595BS

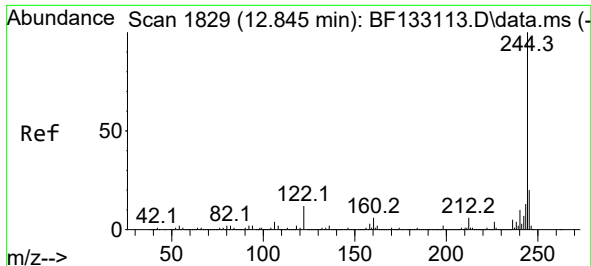
Tgt Ion:184 Resp: 707846
Ion Ratio Lower Upper
184 100
185 14.1 15.4 23.2#
183 11.6 9.4 14.0



#78
Pyrene
Concen: 43.781 ng
RT: 12.686 min Scan# 1802
Delta R.T. 0.000 min
Lab File: BF133267.D
Acq: 05 May 2023 17:09

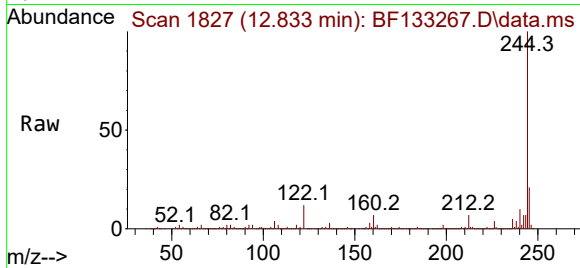
Tgt Ion:202 Resp: 1822048
Ion Ratio Lower Upper
202 100
200 22.4 17.1 25.7
203 17.6 14.1 21.1



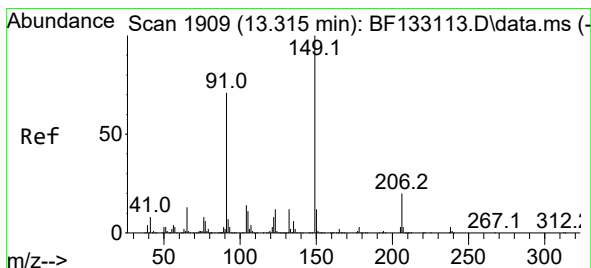
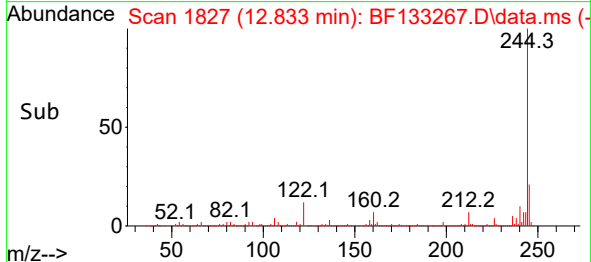
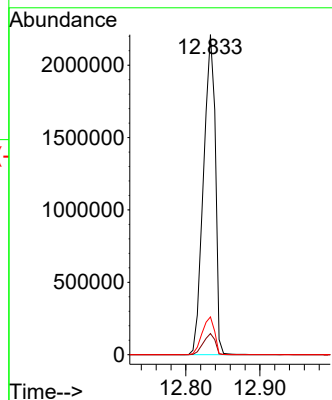


#79
 Terphenyl-d14
 Concen: 87.581 ng
 RT: 12.833 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF133267.D
 Acq: 05 May 2023 17:09

Instrument :
 BNA_F
 ClientSampleId :
 PB152595BS

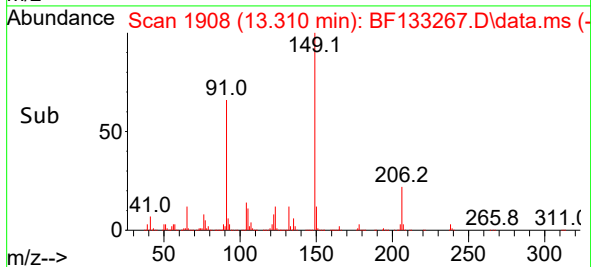
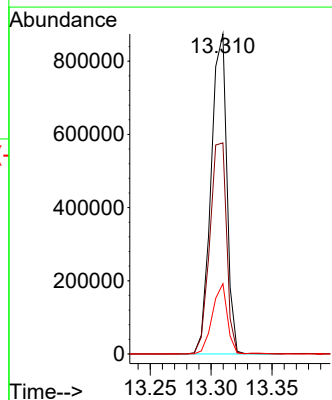
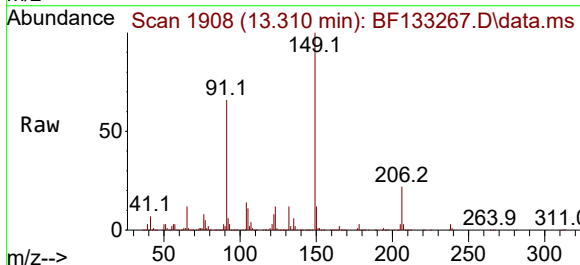


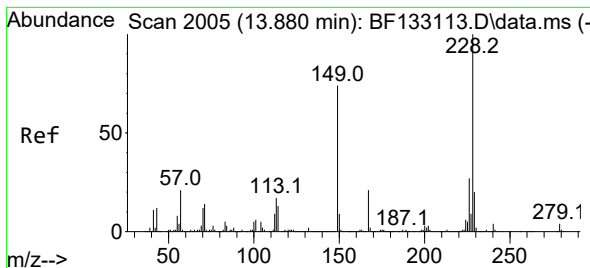
Tgt Ion:244 Resp: 2465342
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.1 7.7
 122 11.8 8.6 13.0



#80
 Butylbenzylphthalate
 Concen: 53.396 ng
 RT: 13.310 min Scan# 1908
 Delta R.T. 0.006 min
 Lab File: BF133267.D
 Acq: 05 May 2023 17:09

Tgt Ion:149 Resp: 786820
 Ion Ratio Lower Upper
 149 100
 91 66.0 53.8 80.6
 206 21.9 17.5 26.3





#81

Benzo(a)anthracene

Concen: 40.864 ng

RT: 13.874 min Scan# 2005

Delta R.T. 0.006 min

Lab File: BF133267.D

Acq: 05 May 2023 17:09

Instrument :

BNA_F

ClientSampleId :

PB152595BS

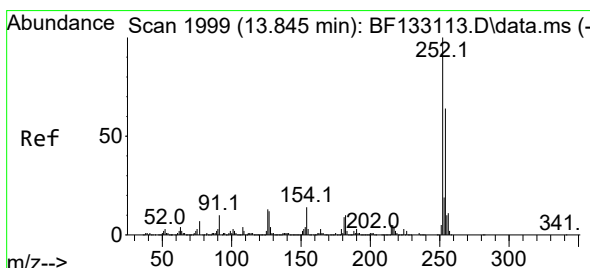
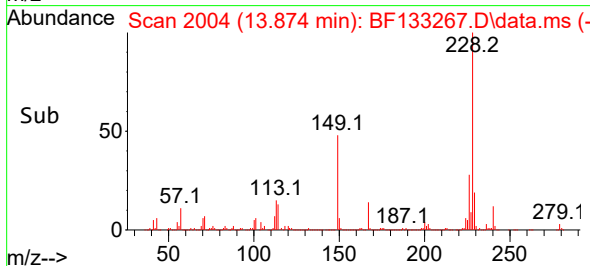
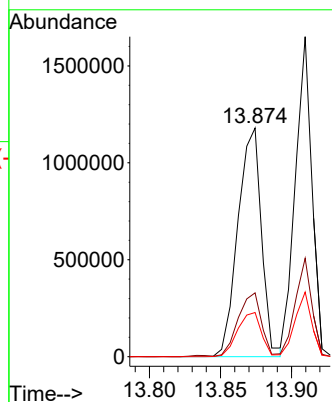
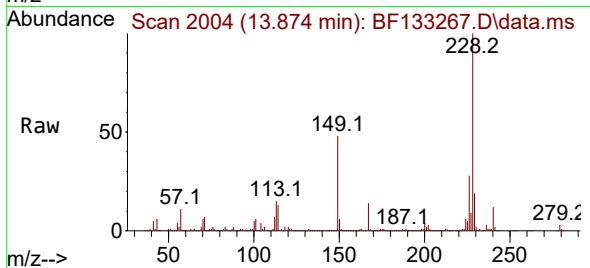
Tgt Ion:228 Resp: 1364261

Ion Ratio Lower Upper

228 100

226 27.9 22.2 33.4

229 19.3 16.0 24.0



#82

3,3'-Dichlorobenzidine

Concen: 40.235 ng

RT: 13.833 min Scan# 1997

Delta R.T. 0.000 min

Lab File: BF133267.D

Acq: 05 May 2023 17:09

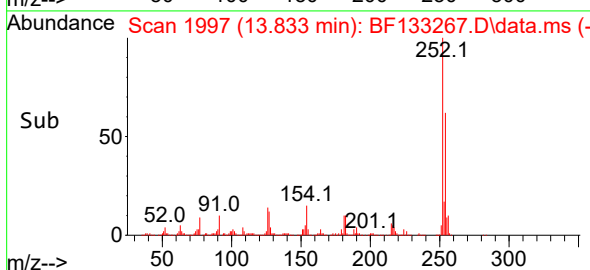
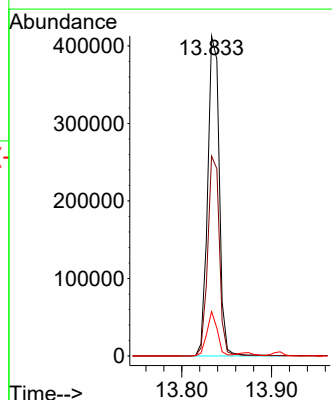
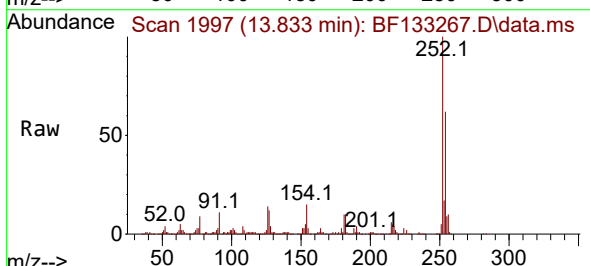
Tgt Ion:252 Resp: 371074

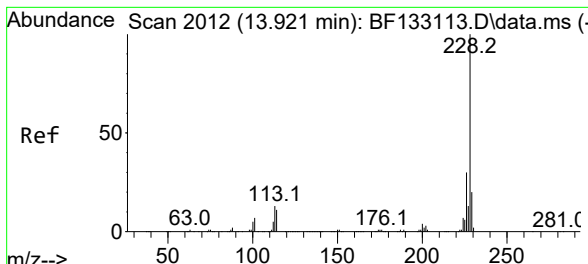
Ion Ratio Lower Upper

252 100

254 62.5 51.5 77.3

126 13.9 9.5 14.3



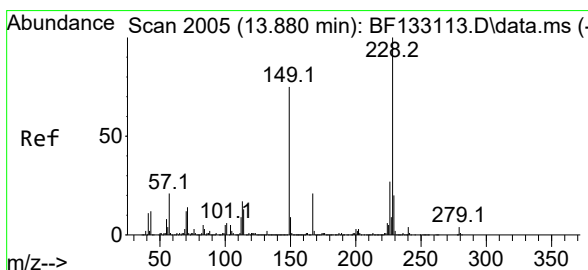
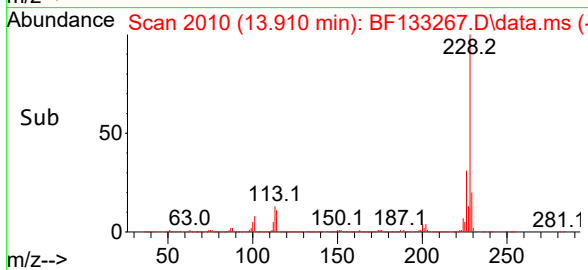
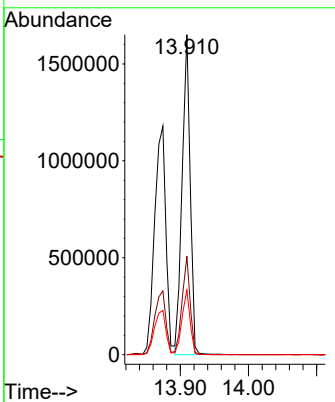
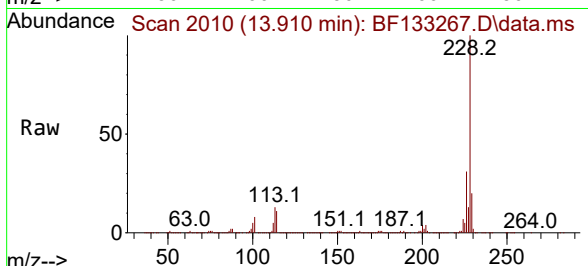


#83
 Chrysene
 Concen: 40.388 ng
 RT: 13.910 min Scan# 2012
 Delta R.T. 0.000 min
 Lab File: BF133267.D
 Acq: 05 May 2023 17:09

Instrument :
 BNA_F
 ClientSampleId :
 PB152595BS

Tgt Ion:228 Resp: 1348014

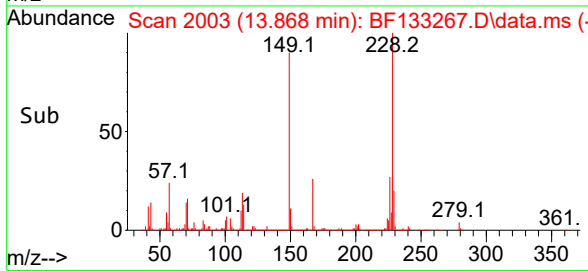
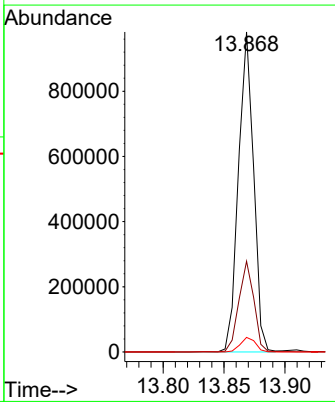
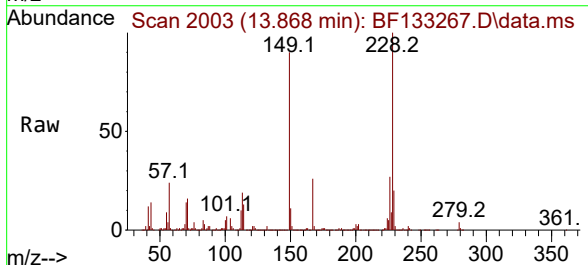
Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.7	37.1
229	20.2	16.1	24.1

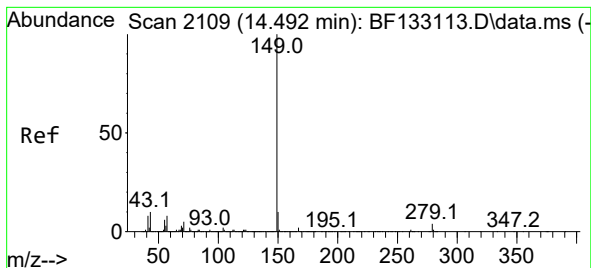


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 46.016 ng
 RT: 13.868 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: BF133267.D
 Acq: 05 May 2023 17:09

Tgt Ion:149 Resp: 851111

Ion	Ratio	Lower	Upper
149	100		
167	28.4	22.5	33.7
279	4.6	4.2	6.4





#85

Di-n-octyl phthalate

Concen: 47.085 ng

RT: 14.480 min Scan# 2109

Delta R.T. 0.000 min

Lab File: BF133267.D

Acq: 05 May 2023 17:09

Instrument :

BNA_F

ClientSampleId :

PB152595BS

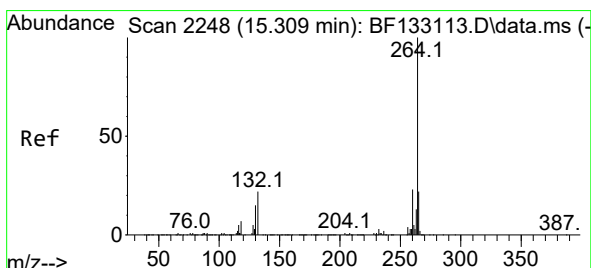
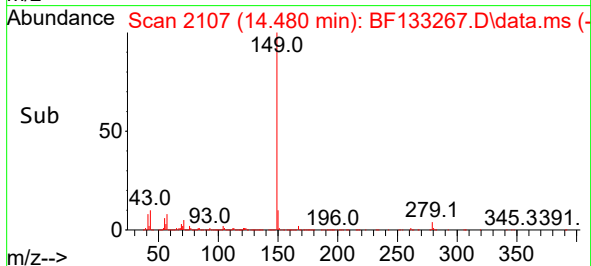
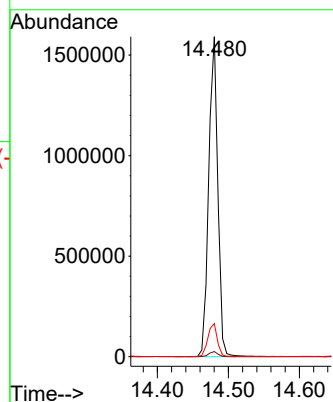
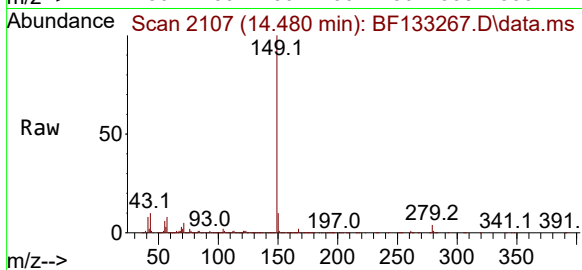
Tgt Ion:149 Resp: 1420009

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 10.7 9.5 14.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.298 min Scan# 2246

Delta R.T. 0.006 min

Lab File: BF133267.D

Acq: 05 May 2023 17:09

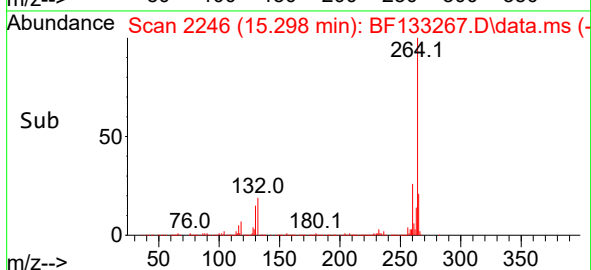
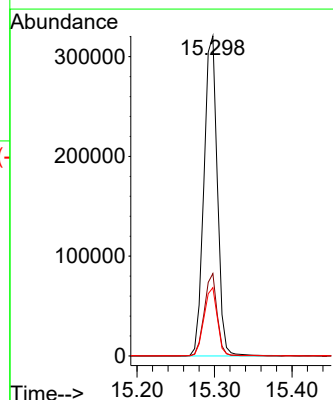
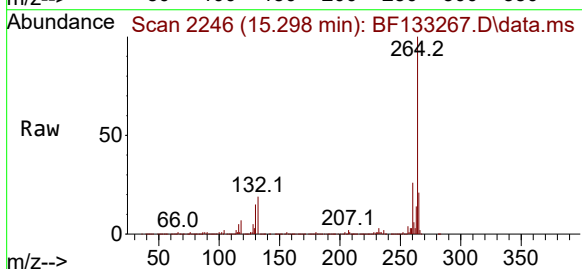
Tgt Ion:264 Resp: 384754

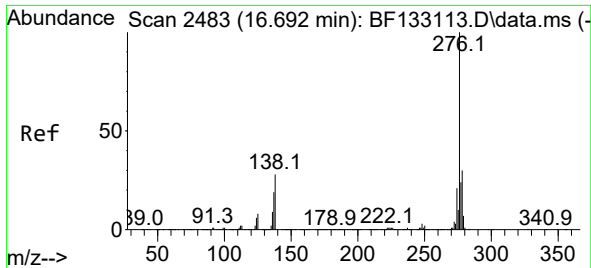
Ion Ratio Lower Upper

264 100

260 25.8 18.8 28.2

265 21.3 17.0 25.4

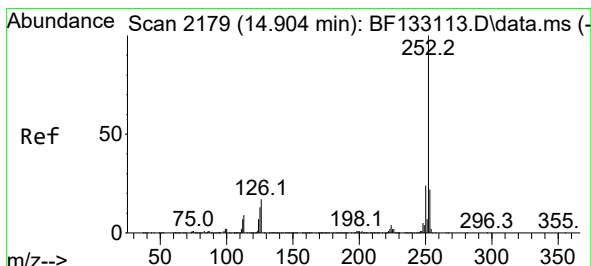
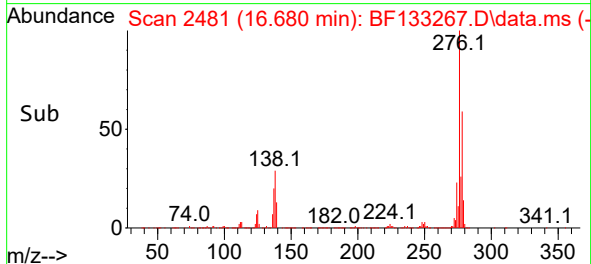
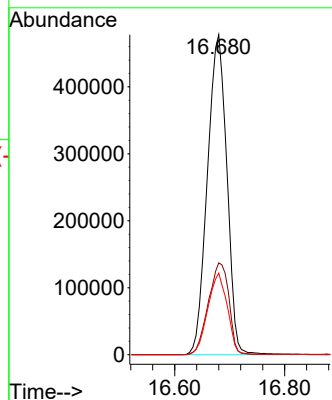
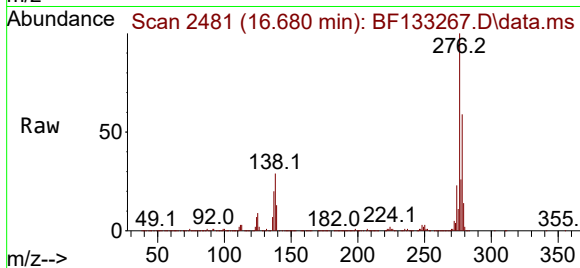




#87
Indeno(1,2,3-cd)pyrene
Concen: 53.732 ng
RT: 16.680 min Scan# 2483
Delta R.T. 0.006 min
Lab File: BF133267.D
Acq: 05 May 2023 17:09

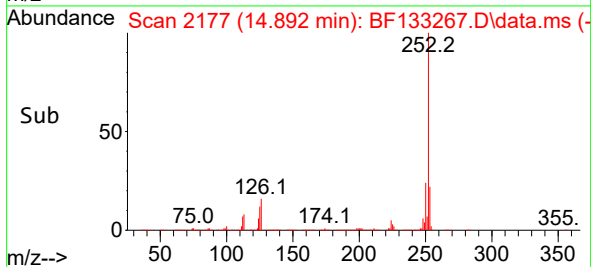
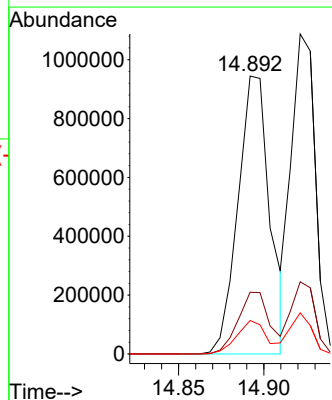
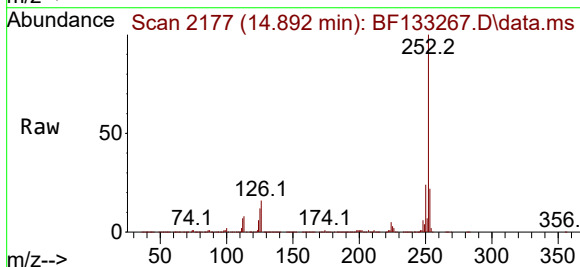
Instrument :
BNA_F
ClientSampleId :
PB152595BS

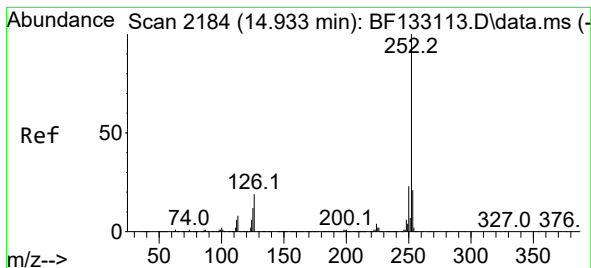
Tgt Ion:276 Resp: 1175949
Ion Ratio Lower Upper
276 100
138 30.3 25.5 38.3
277 25.6 20.4 30.6



#88
Benzo(b)fluoranthene
Concen: 50.269 ng
RT: 14.892 min Scan# 2177
Delta R.T. 0.000 min
Lab File: BF133267.D
Acq: 05 May 2023 17:09

Tgt Ion:252 Resp: 1230465
Ion Ratio Lower Upper
252 100
253 22.2 17.6 26.4
125 12.0 8.9 13.3





#89

Benzo(k)fluoranthene

Concen: 44.409 ng

RT: 14.921 min Scan# 2182

Delta R.T. 0.000 min

Lab File: BF133267.D

Acq: 05 May 2023 17:09

Instrument :

BNA_F

ClientSampleId :

PB152595BS

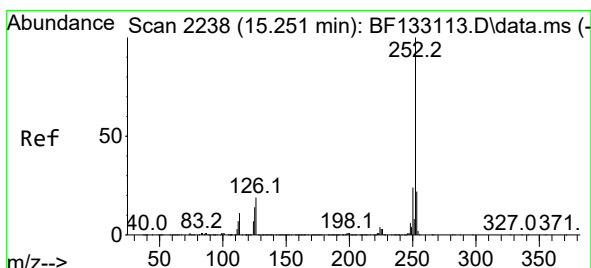
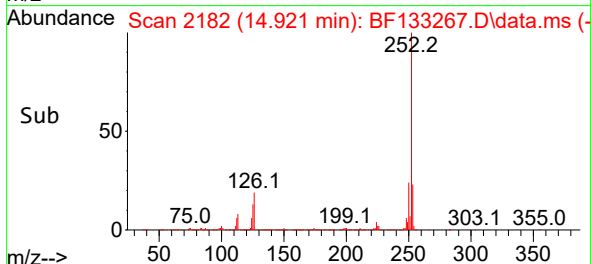
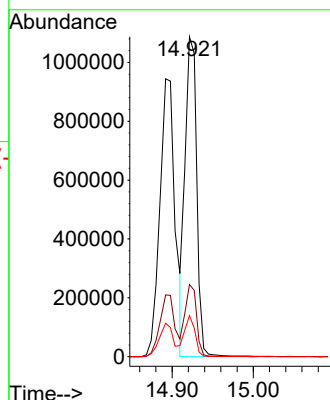
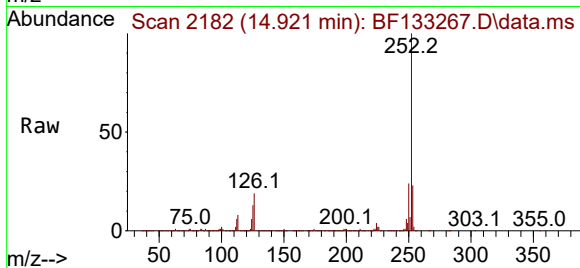
Tgt Ion:252 Resp: 1077544

Ion Ratio Lower Upper

252 100

253 22.6 17.7 26.5

125 12.8 9.0 13.4



#90

Benzo(a)pyrene

Concen: 43.907 ng

RT: 15.239 min Scan# 2236

Delta R.T. 0.000 min

Lab File: BF133267.D

Acq: 05 May 2023 17:09

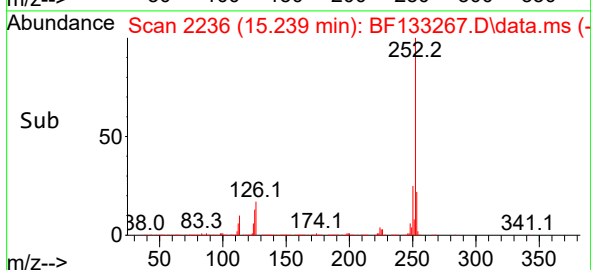
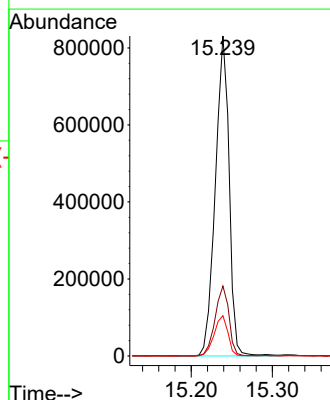
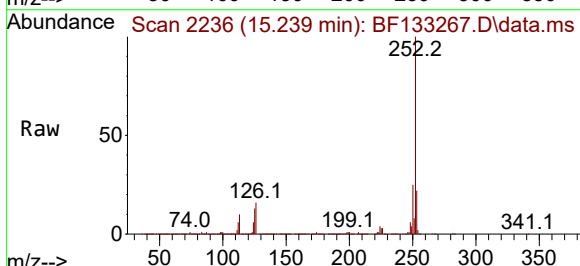
Tgt Ion:252 Resp: 978227

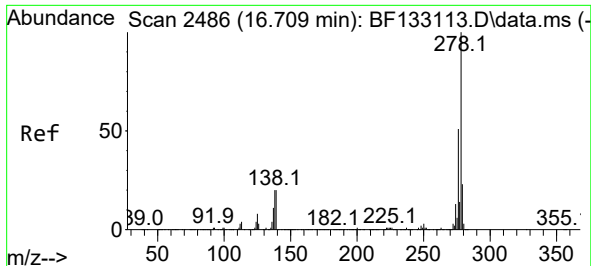
Ion Ratio Lower Upper

252 100

253 21.9 17.7 26.5

125 12.6 10.5 15.7

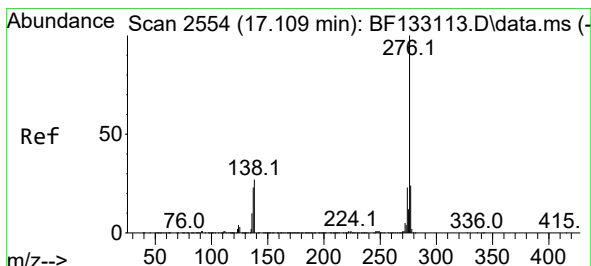
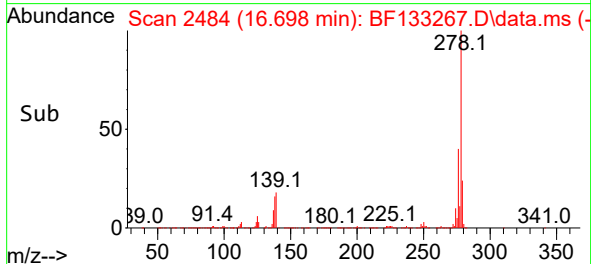
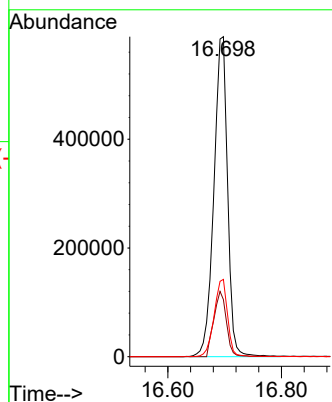
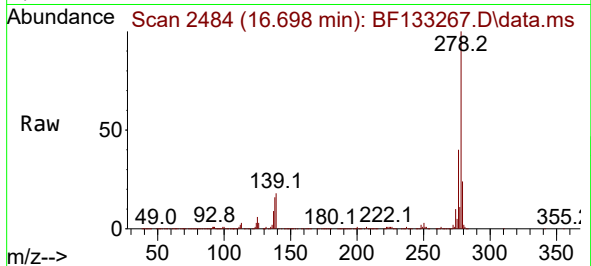




#91
Dibenzo(a,h)anthracene
Concen: 53.876 ng
RT: 16.698 min Scan# 2486
Delta R.T. 0.006 min
Lab File: BF133267.D
Acq: 05 May 2023 17:09

Instrument :
BNA_F
ClientSampleId :
PB152595BS

Tgt Ion:278 Resp: 983436
Ion Ratio Lower Upper
278 100
139 17.8 16.6 24.8
279 24.1 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 54.882 ng
RT: 17.098 min Scan# 2552
Delta R.T. 0.006 min
Lab File: BF133267.D
Acq: 05 May 2023 17:09

Tgt Ion:276 Resp: 989029
Ion Ratio Lower Upper
276 100
277 23.9 19.4 29.0
138 24.9 22.7 34.1

